

THE AMERICAN
School Board Journal

March



1900.
VOL. XX. No. 3.

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PUBLISHER.

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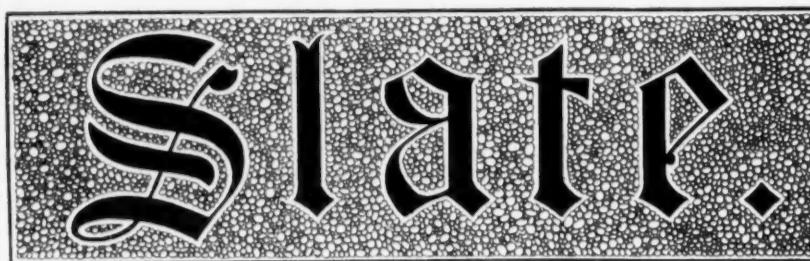
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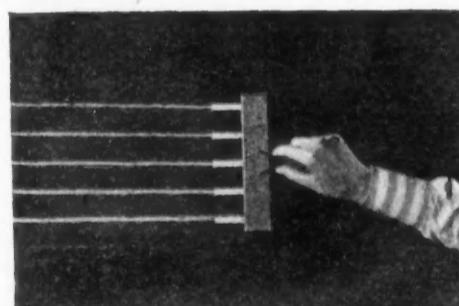
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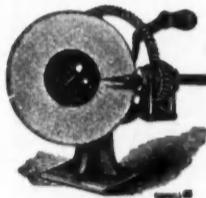
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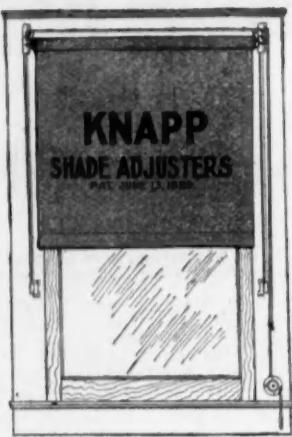
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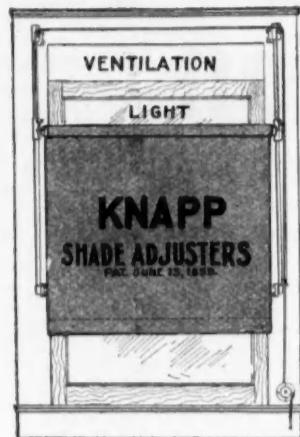
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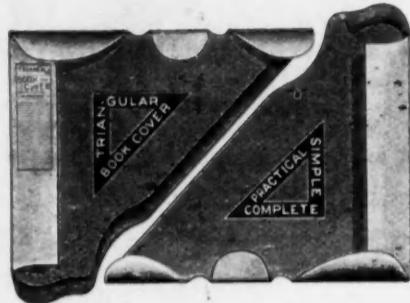
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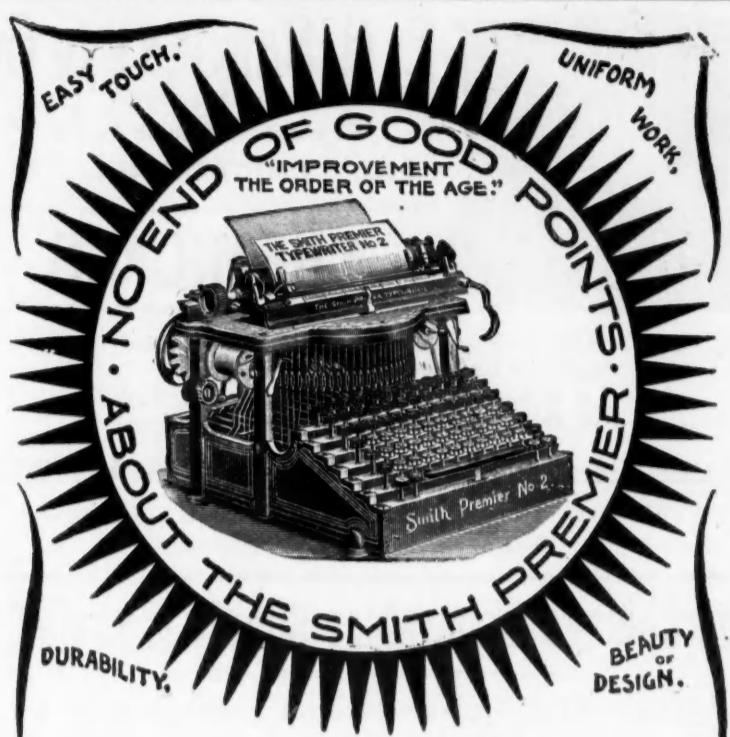
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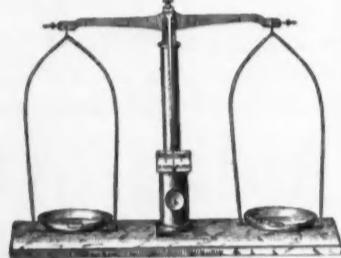
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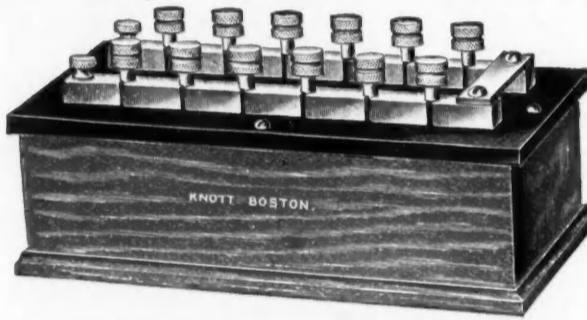
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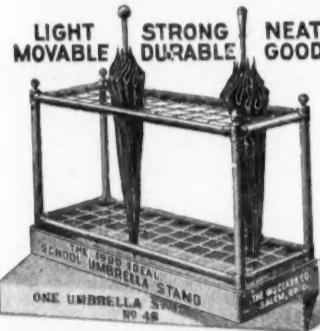
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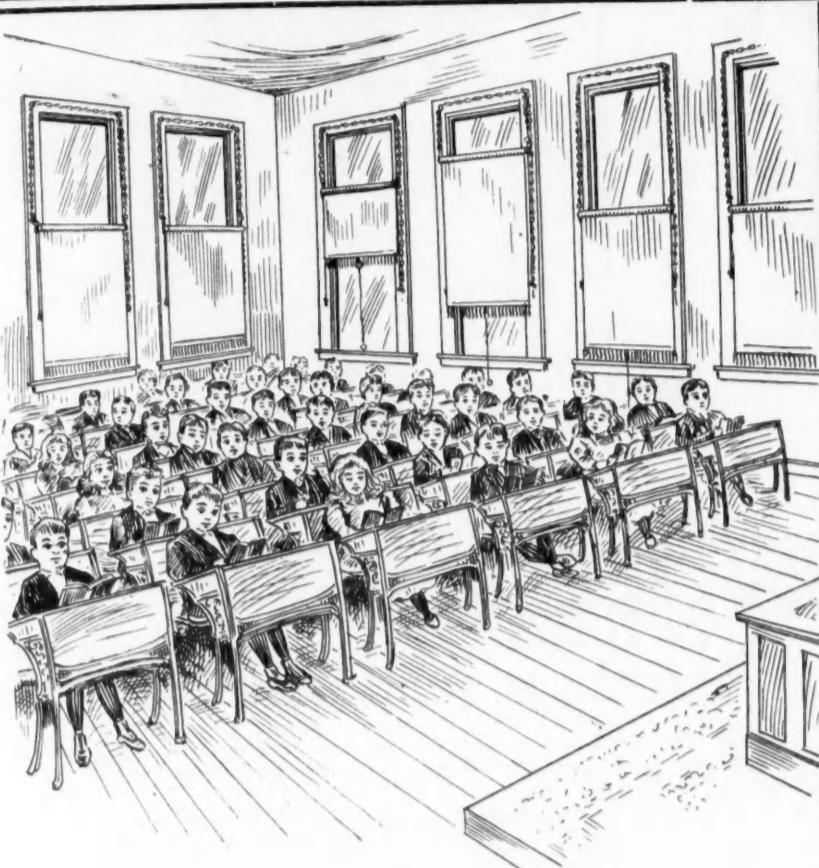
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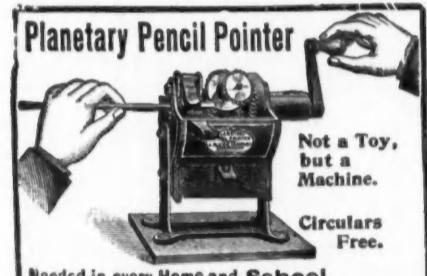
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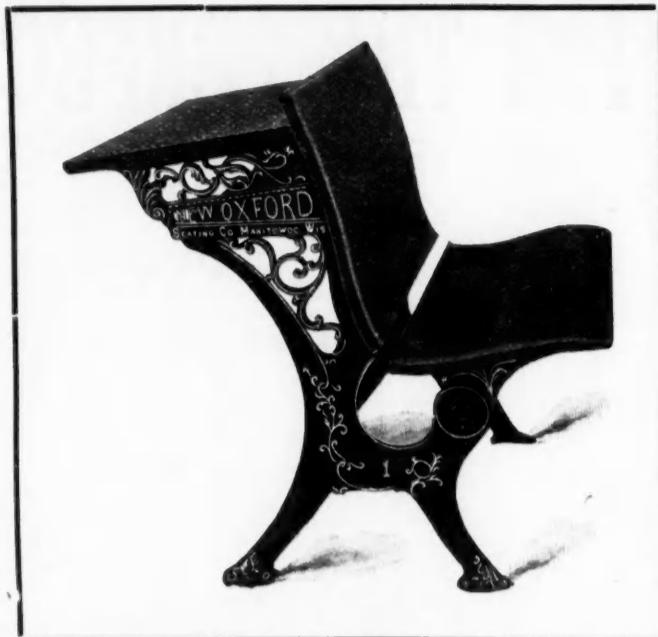
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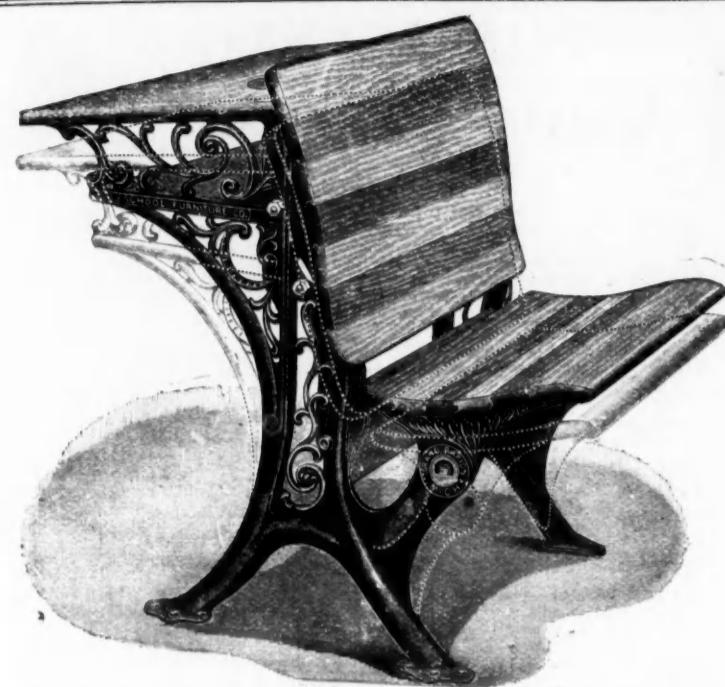
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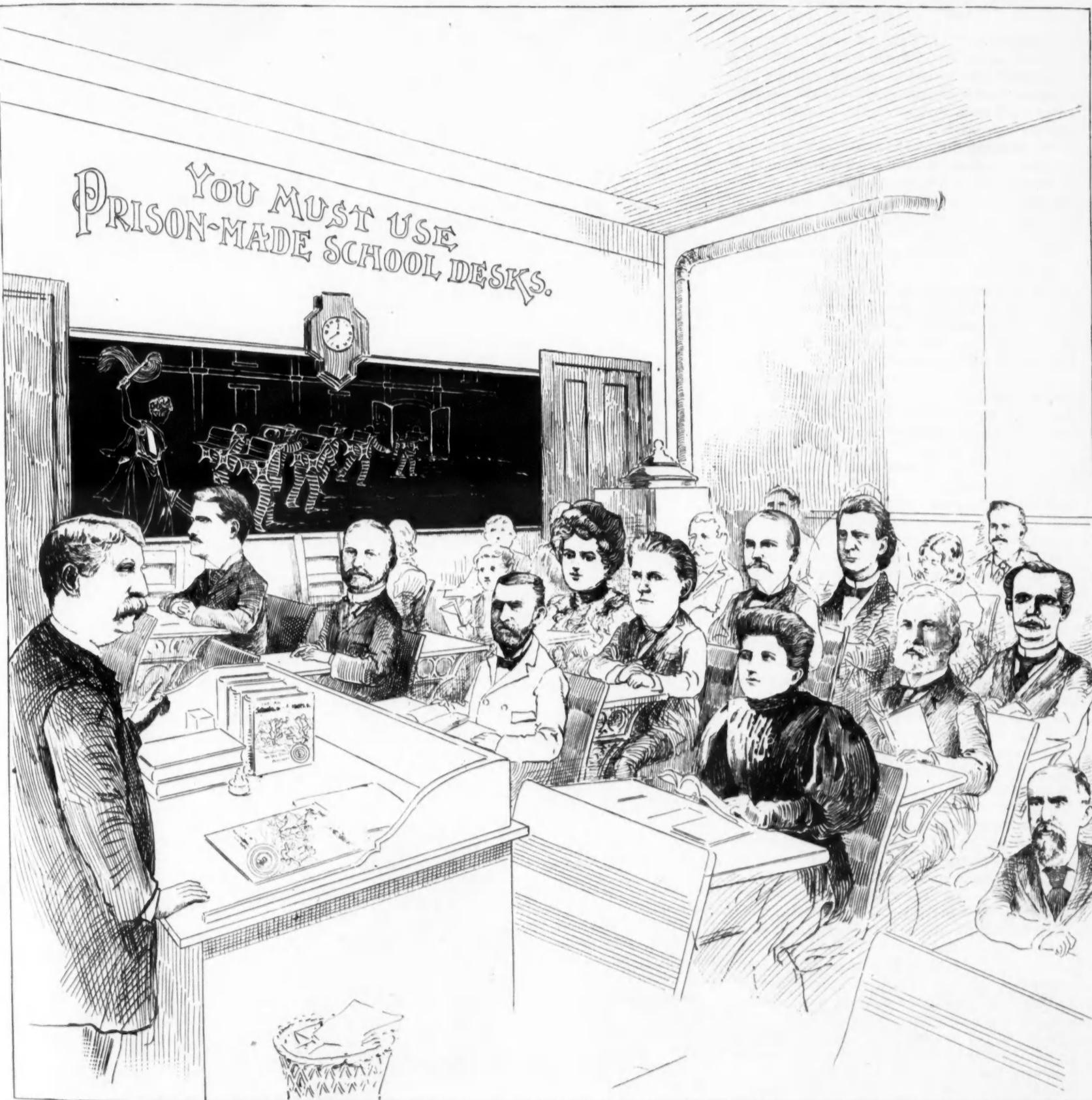
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School Board Journal

School Law.



Washington, D. C. The attorney for the district has advised the commissioners that a child residing in the district is entitled to attend the local public school free of charge, although the parents or guardians of the child may have a residence elsewhere.

Indianapolis, Ind. The board refused to pay a claim of a man who fell from a scaffold while at work at one of the schools and thereby broke his leg. The board's attorney held that, under a decision of the supreme court, a school corporation is not liable for personal injuries caused by its own negligence or the negligence of its employees.

The supreme court of Illinois has rendered a decision holding that parochial schools are not exempt from taxation. The court declares that the law does not exempt all school houses, but only public school houses.

Topeka, Kan. The state's attorney, in reply to the following question, "Where a school is closed by the district board, or by the county health officer, can a teacher collect pay for the time the school is closed?" gave it as his opinion that "said teacher would be entitled to his wages for the time such school was closed, unless provision had been made in the contract to govern such a contingency. The school board has no more right to take advantage of the provisions of the contract than has the teacher."

New York. State Supt. of Public Instruction Charles Skinner has again decided that it is a violation of the school law to compel children to attend religious services after the hour of school opening, and that the reading of the Bible in the public schools is also unlawful. He says that the superintendent of public schools as far back as 1838 laid down the following decision: "Neither the common school system nor any other school system can be maintained unless the views of all are equally respected. The simple rule so to exercise your own rights as not to infringe on those of others will preserve equal justice among all, promote harmony, and insure success to our schools."

Pittsburgh, Pa. The criminal court has held that the chastisement of a pupil by his teacher cannot be considered an assault.

Syracuse, N. Y. The referee in the injunction case to restrain the board of education from paying the bill for expense of the clerk and commissioners to the National Educational Association convention, held in Los Angeles last July, decided that the bill cannot be legally paid by the board, but must be settled by the commissioners who went on the trip.

Pierre, S. D. Attorney General Pyle, in giving his opinion on the power of school boards to enforce the general vaccination order of the state board of health, stated that the question turns on the question as to whether or not it was reasonably necessary for the prevention of the disease of smallpox to require all pupils in the state to be vaccinated. That in those communities where smallpox may exist, or that are in the vicinity of neighborhoods where it does exist, it is within the power and authority of the state board of health to require vaccination of all pupils attending the public schools.

* The supreme court of Illinois has decided

that school boards have no right, either under their own rules or by orders of the state board of health, to exclude from the public schools children refusing to be vaccinated.

Salt Lake City, Utah. Judge Cherry has decided that the board of health has no authority to require unvaccinated children to be excluded from the school, and their exclusion by the board of education on demand of the board of health was held to be wrongful.

New Rules and Regulations.

Minneapolis, Minn. This is an inflexible rule, that when an employee of the board of education is exposed to any contagious disease, he or she must leave the schools until quarantine is lifted.

Chattanooga, Tenn. A newly adopted rule reads: It shall require a three-fourths vote in the affirmative of the entire membership of the board of education to suspend a session of the public schools, except on legal holidays, and it shall require the consent of three fourths of the members present at any regular or called meeting, to consider a proposition to adjourn the schools.

New York, N. Y. If colored men or women get licenses from the superintendent, they go on the eligible list. The colored teachers stand on exactly the same footing as the white teachers.

Philadelphia, Pa. The board is taking desperate measures to exclude disease from the schools or detect it in its infancy. A physician visits the schools each morning and makes an examination of the pupils.

Cleveland, O. The high school girls will hereafter recreate in the gymnasium under the watchful eye of a teacher. In the past the girls have enjoyed basket ball in addition to exercises with various muscle-producing paraphernalia, but it proved too tame. Some one suggested foot ball, and the idea was quickly seized upon as an agreeable diversion.

Clad in bloomers the girls were being coached in the mysteries of the game in the school gymnasium, where a teacher happened to overhear the instructions of the coaches to "tackle low," and an investigation followed.

Developments resulted in a quietus being placed on lessons in tackling, kicking goal from the field, mass plays, and flying wedges, especially when young men volunteers served as "dummies," for feminine tackles to practice upon.

Salt Lake City, Utah. The board has passed a resolution making it optional with the parent or the child as to vaccination, and stipulated that the cost of vaccination shall not exceed 25 cents.

Oakland, Cal. An order to exclude consumptives from the schools has been passed.

Spokane, Wash. Supt. Saylor, in a set of instructions issued to the teachers, says:

"Avoid arbitrary standards to which you try to fix a large number of pupils. You will do injustice to some one by this method. Settle each case on its individual merits. It usually resolves itself to a question of common sense."

"When there is any doubt about the advisa-



MISS MAE R. SCHREIBER,
State Superintendent of Libraries,
Wisconsin.

bility of a child being promoted the principal must be consulted. If the case involves exceptional elements the principal should see the superintendent. Where some allowance can be made because of the child's health, age and natural ability, do so, but avoid pushing a child too far beyond its age."

Brooklyn, N. Y. A rule reads: It is the duty of pupils to establish a high standard of teaching in their respective schools, by so planning teachers' work that the education of pupils through the various subjects of the course of study shall be continuous, from the lowest grade to the highest, and that pupils may be led to re-inforce the study of each subject by the study of other subjects; by frequent inspections and examinations of class work, and by giving model lessons in presence of teachers; and by subsequent conferences on the results of such inspections, examinations, and model lessons, with the teachers affected, for the purpose of correcting errors and increasing efficiency.

Washington, D. C. A newly adopted rule provides that the president of the board of education shall be a member of all Committees, ex-officio, but shall only have a vote in case of a tie.

Philadelphia, Pa. The principals have been directed to enforce the following rule: Agents or other persons shall not be permitted to visit teachers at the schools for the purpose of influencing the purchase, order or use of books or supplies, or for the purpose of taking a picture of building or pupils. Tickets shall not be sold to or money collected from the pupils by the teachers or other persons for any purpose whatever.



President School Board: Suppose I lent your father \$100 in June, and he promised to pay me back \$10 on the first of every month, how much would he owe me at the end of the year? Now think well before you answer.
Pupil: One hundred dollars, sir.
P.S.B.: You're a very ignorant little girl. You don't know the first rules of arithmetic!
Pupil: But, sir, you don't know father!

Building and Finance

Louisville, Ky. G. H. Cochran, late president of the board of education, in his last report says: "It is earnestly hoped that the school board from this time henceforward will pursue the policy of building school houses not higher than two stories, of attractive exterior and interior, convenient, light and airy, to secure health and happiness to the children in their school life. It should also be established as an inviolable rule never to procure and attempt to convert any old building into one for school purposes."

Auburn, N. J. The rules of the board of education charge the superintendent of buildings with the care and supervision of all school buildings and premises. He must visit each school at least once in each month and ascertain by inquiry from the principal or otherwise what repairs are needed, and under the direction of the committee on buildings and repairs shall cause such repairs to be made. But he cannot incur any expense chargeable to the board without authority from said committee.

Chicago, Ill. The board of education is contemplating the erection of a parental school, the largest and most complete of its kind in the United States.

Newburyport, Mass. The state school inspector wrote the board relative to the status of the Jackman school, saying that he would close the school unless assurances were given that the same would be remodeled or a new one erected shortly. He made the following conditions for its temporary occupancy:

1. A thorough cleansing of the premises by washing.
2. A careful inspection of the plumbing, which apparently leaks.
3. The building to be thoroughly disinfected, and disinfectants to be used while the building is occupied.
4. All woodwork to be whitened with white-wash.

The total cost of the enforcement of the truancy law in Indiana last year was \$42,822.54, which is \$8,528.50 less than the expense for the year preceding.

The Chicago Penny Saving Society, operating through the public school teachers, last year received from the children of that city over \$70,000. This means that at least \$40,000 less a year is being spent for candy and chewing gum.

Pittsburgh, Pa. The city is divided into thirty-eight districts and each district levies its own taxes, the poor districts have poor schools and the rich districts handsome buildings.

Philadelphia, Pa. There is a great cry for more school room, and so serious has the situation become that at least 6,000 pupils must be compelled to attend school on half time. The situation will become even worse should the compulsory education law be enforced. Should the 10,000 children now in the city between the ages of 8 and 10 years, and who are now shown by the census to be idle, be forced to attend, at least 25,000 pupils would be on "half time."

Fitchburg, Mass. The board of education is confronted with the problem of over-crowded schools.

Scranton, Pa. The Building Trades' Council has made a protest against what they call the promiscuous letting of the school contracts to scab bosses and unfair contractors.

McKeesport, Pa. The board pays the street

car fare of a number of pupils because they are unable to obtain school accommodations in their wards.

Indianapolis, Ind. The tax levy for school purposes has been raised from forty-four cents to fifty cents on the hundred dollars.

Tacoma, Wash. The school tax rate has been fixed at two and one half mills.

Evansville, Ind. Sixty cents is the levy upon Vanderburg County to maintain the city schools during the next year. Last year's levy was forty cents.

Michigan. The estimated total value of the school property of the state is \$18,138,588, and the total indebtedness of all the districts, \$2,007,874.

Chicago, Ill. President Graham Harris of the board of education has asked the common council for twenty-five new school buildings, which cannot be erected for much less than \$4,000,000. The request is based on an estimate made by Mr. Harris of the number of children at present without proper school facilities. He found, basing his figures on the reports of the district superintendents, there are in the neighborhood of 21,000 children thus situated.

Boston, Mass. In all probability no more red school houses are to be erected. Member Huggan, of the board, says that red brick schoolhouses will be of bluish colored brick.

Schroon, Pa. The Stone Cutters' union has entered a protest against the use of stone cut outside of the city in the construction of school buildings in this city.

In the state of Pennsylvania, the expense for education per pupil, for the year 1898, amounted to \$17.09.

Indianapolis, Ind. The volume of insurance on school property has been lessened and it is contemplated to make further retrenchment in that line.

The records have been gone over and the loss on school property for the last nine years are found to have been \$2,014. The insurance carried ranged from \$150,000 to \$175,000, the annual premiums averaging a little over \$3,000. In the opinion of the board limited insurance only is advisable in view of the present isolation of buildings and the efficiency of the fire department. The board further believes that buildings of modern construction which are fully paid for can be carried by the city as well as by any insurance company. It has also cancelled all boiler insurance, the system having been changed from high to low pressure.

Bloomington, Ill. The workmen employed on the construction of the new Franklin school, laid down their tools owing to one of the contracts being let to a firm that did not employ union men.

St. Louis, Mo. The board of education has adopted Milwaukee's portable school house plan. The idea is to construct a number of one-room frame school buildings that can be readily transported and set up alongside any school that may require additional class room.

The cost per capita for educating pupils based on average attendance in St. Paul, Minn., last year was \$22.08; Des Moines, Ia., \$24.96; Denver, Col., \$40.77; Providence, R. I., \$32.36; Albany, N. Y., \$27.32; St. Louis, Mo., 33.90; Pittsburgh, Pa., \$37.80; Dayton, O., \$25.96; Minneapolis, Minn., \$24.31; Cincinnati, O., \$27.91; Cleveland, O., \$24.42; Louisville, Ky., \$26.62.

Bascom, O. A novelty in the manner of laying corner stones took place here recently. When the corner stone of the new school house was laid, the speech on the occasion was recorded on a phonograph cylinder, which, with the phonograph, was placed in the stone with the other articles to be kept.

The state of Indiana has a common school endowment of over \$12,000,000.

Sault Ste. Marie, Mich. A \$26,000 eight-room ward building with all modern conveniences, such as direct and indirect heat, thermostats, electric fan, electric bells, was opened recently. J. C. Teague was the architect.

New York, N. Y. The amount allowed for rents in the budget for the year 1899 was \$146,895, which represents the interest, at three per cent. on almost \$5,000,000.

Chicago, Ill. It is very likely that all schools to be erected in the future will be equipped with gymnasiums.

Duluth, Minn. A change has been made in the provision of the rules regarding construction, to the effect that home material and home labor should be given the preference. The change consists in the addition of the words "all things being equal."

Anaconda, Mont. In order that the schools could be maintained for the full term the board appointed an agent to take up subscriptions among the people.

St. Paul, Minn. The proposition to raise money for the schools by popular subscription did not meet with favor among the teachers. They think it ridiculous for school teachers many of whom get \$800 or \$900 a year, to solicit subscriptions to pay those salaries, from men who must live and support large families on \$700 or less.

Omaha, Neb. The board of education now possesses the right of making the levy for school purposes. Heretofore the board has had such a right theoretically—but when it came to practice the demands of the board were usually cut down anywhere from twenty to twenty-five per cent. by the city council.

Minnesota. The trial balance of the state school fund has been completed by the state auditor. It shows the total amount outstanding on land contracts to the credit of the general school fund to be \$6,070,373.84.

Tampa, Fla. There is a lack of school accommodations.

Chicago, Ill. The board of education receives forty-one and five tenths cents out of every dollar of tax collected.



THE TRIALS OF SOME RURAL SCHOOL MASTERS IN THE WEST.

Among Superintendents

Superintendents' Meeting.

The meeting of the Department of Superintendents N. E. A. held last month at Chicago, was a success in several directions. The attendance was the largest in the history of the Association. The selection of Chicago proved a wise one in that it stimulated the attendance to an unusual degree. Again, the hotel facilities were more than ample.

The inconveniences in the way of securing adequate accommodations and meals so often experienced in other cities were entirely obviated here. The head quarters were located at the Auditorium Hotel. The meeting hall was located practically in the same building. The convenience of this was demonstrated when an enormous blizzard raged in Chicago and the superintendents were not even obliged to go out doors. A hallway from the hotel led directly to the meeting place.

The program proved to be a strong one. At least it led the department back to subjects in which superintendents were professionally interested. During the past few years there had been a tendency to drift into all sorts of channels and thus lose sight of the real objects of the department. President Downing should be congratulated for the splendid subjects he placed upon the program and the ability he secured in covering these subjects.

One of the by-ways of the meeting was a movement to aid superintendent Andrews of Chicago. This found expression in a gathering called at the Central Music Hall, where the lustrous beauties of "One Man Power" in school administration were pointed out by Professors Butler, Wheeler, and Eliot.

The department elected Prof. L. D. Harvey, of Wisconsin, as its chairman and superintendent C. M. Jordan, of Minneapolis, as its secretary. It also voted to hold the next meeting at Chicago.

The Chicago papers gave but meagre reports of the meeting. We know of no city where the press did not give fairly accurate report of the proceedings and at least a synopsis of the papers read. Even in cities like Jacksonville, Fla., Chattanooga, Tenn., Columbus, O., etc., the newspapers gave extended reports. The indifference of the Chicago press was the subject of general comment.

Several of the publishing houses were kept busy by the visiting guests who called at their offices to greet the managers and agents. The publisher whose offices were located in the immediate vicinity of the Auditorium Hotel were exceptionally favored by visitors.

One of the most interesting events of the Chicago meeting was a dinner given by Mr. Fred McNally, of the firm of Rand-McNally & Company, at the Union League Club. The dinner was presided over by Dr. Leroy Hooker. Each guest found next to his plate a volume entitled "In Hampton Roads," a dramatic romance by Charles Eugene Banks. The author himself was present, and in due time was called upon for a talk and some recitations. He met the invitation in a most happy manner.

Among the speakers were Graham Harris, President of the Chicago board of education; B. F. Rogers, F. X. Snyder, Nathan C. Schaeffer, David K. Goss, J. A. Shawan, J. A. MacDonald, H. B. Hayden, Arthur Allin, F. B. Cooper and W. G. Bruce.

Upon urgent request, Mr. Fred McNally, the

host, made a brief, little speech in which he expressed his appreciation for the presence of educators from all parts of the United States.

Dr. Hooker, who is the author of a recent work entitled "The Afrikander," gave a historical review of the Boers in South Africa and the causes which have led to their conflict with the British.

Among those present were the following: E. G. Cooley, La Grange, Ill.; W. H. Hatch, Oak Park; D. K. Goss, Indianapolis; F. B. Cooper, Salt Lake City; N. C. Schaeffer, Pennsylvania; John A. MacDonald, Kansas; P. H. Allin, Fred McNally, Graham Harris, O. T. Bright, Chicago; W. A. McCord, A. C. Hegler, T. B. Hutton, Iowa; F. M. Shippey, Chicago; W. H. Elson, I. C. McNeill, Wisconsin; F. X. Snyder, Colorado; Alfred Kirk, E. O. Vaile, Chicago; J. A. Shawan, Ohio; Henry Sabin, Iowa; L. Van Horn, W. H. Mahaffee, Chicago; H. B. Hayden, Iowa; R. G. Young, Rock Island, Ill.; E. W. Avery, Illinois; R. E. Denfield, Minnesota; J. A. Hornberger, Chicago; W. R. Jackson, Nebraska; J. A. Beattie, T. H. Devereaux, Arthur Allin, Jas. McNally, E. C. Hewitt, Dr. Leroy Hooker, B. F. Rogers, Messrs. Willard, Arnold and Brower.

Mr. H. T. Dawson, of the University Publishing Co., New York, was conspicuous by his absence during the superintendents meeting at Chicago.

St. Paul, Minn. Supt. A. J. Smith advocates play grounds around school buildings.

Cranston, R. I. Supt. Alny favors the establishment of kindergartens and abolition of recesses.

Chicago, Ill. Supt. E. B. Andrews believes that supplementary reading by pupils is more valuable to them than a course of instruction in Latin.

McKeesport, Pa. Supt. H. F. Brooks has caused quite a stir among the school teachers. He proposes that the teachers give a banquet and reception to the members of the board of education and their wives and that the teachers pay for same.

Rockford, Ill. Supt. O. J. Kern, in a pamphlet, presses upon the teachers that on general principles a public school teacher should expend at least \$3 a year in professional books.

Auburn, N. Y. Office hours of superintendent of schools, from 4:30 to 6 o'clock.

Kansas City, Mo. Supt. J. M. Greenwood is investigating the advisability of providing separate buildings for boys and girls in the high schools.

Spokane, Wash. Supt. Saylor has issued a set of instructions to the teachers, among which appears the following: "Teachers leaving the building for a hot lunch at noon are likely to have this privilege stopped at any time. Whenever their services are needed at the school building, or for any other good reason, this privilege cannot be granted. I fully appreciate the desirability of getting a warm lunch, but this will have to be subordinated to the interests of the school when necessary."

Los Angeles, Cal. Supt. James A. Foshay is an advocate of laws by which truants and those remaining away from school for trivial causes may be forced to attend. He believes that truant officers should be employed to go after pupils who remain out of school without good cause, to bring them back and see that they re-



PROF. L. D. HARVEY,
President-elect Department of Superintendence, N. E. A.

main in school. In some cases it might even be necessary to have a separate room for incorrigible children, but this he does not believe would be advisable where children can be managed in the general school room without hindrance to the moral development of the other pupils.

Saginaw, Mich. Supt. A. S. Whitney has recommended to the board of education the advisability of providing a limited number of separate physiological lectures for the young men and women of the high school. He says on this matter: "As physiology is of necessity taught in mixed classes, many of its most vital lessons must be omitted, and hence it is of the greatest importance to the future health, happiness and well being of these young people that some provision be made to instruct them in the simplest laws of their being. Health should be the first aim of childhood and youth and all things else should be the secondary. Of course, only reputable physicians representing both sexes should be employed."

Atlanta, Ga. Supt. W. F. Slaton, in his annual report to the board, makes the following recommendations and emphasized each one:

More school room and fewer pupils to the teacher.

Shade trees for yards.

Cabinets for nature work, and some adornment for bare school room walls.

A director in drawing.

The employment of a physical director.

Improvement in text books in grammar.

Payment of teachers' salaries in full.

A commercial course for boys' high school.

Manual training for all schools.

Chicago, Ill. Supt. E. Benjamin Andrews: "I care not one whit where the teacher gets information and knowledge as long as he or she has it.

The superintendent of schools of Indianapolis, Ind., says that prosperity does not have the effect of increasing the number of children in the public schools. "The fact is," he says, "that prosperity decreases the number of pupils—in the high school particularly—because there is work to be had, and boys from 12 years up turn their backs on school and take the jobs offered."

Alameda, Cal. County Supt. T. O. Crawford, in speaking to teachers, said: "Teach politeness, industry, unselfishness, forgiveness, sympathy, self-control of temper and appetite. Every teacher should dress as well as she possibly can. A woman who does not know what style and color is becoming to her has no business in the class room. The personality of the teacher is the strongest factor in education. The voice has power in inverse proportion to its strength. The soul in the voice is the index of the mind. Love is the mainspring of action. Teach duty by means of precept and action, self-control by being self-controlled, politeness daily in every lesson. Above all, speak the truth. Be sympathetic, be humane."

One Man Power in School Administration

The rule which holds good in all democratic institutions holds good here also. Some sacrifice must be made of the efficiency which is possible under centralized power for the sake of that safety which comes from a proper diffusion of it.

It is a defect of all universally prescribed methods of action, that their immobility makes their value as working mechanism depend in large measure upon the quality of the men who are entrusted with their execution. The rule is constant, but, unfortunately, the conditions are variable. You can scarcely give too much power to a good superintendent, nor can you well take away too much from a bad one. Manifestly, the same rule applies to a school board. Taking superintendents and school boards as we generally find them, the average superintendent may safely be given wide, but not absolute, latitude of action in educational matters.

The able, zealous and conscientious superintendent, who may chafe under the seeming ignorant and "pig-headed" restraints of a school board, may find composure in the fact that other school boards are unconsciously manipulated for personal ends by adroit superintendents, because the members have neither the time nor pedagogical knowledge to discover for themselves the weak points which an expert educator would instantly detect. The thing needed is a good representation of trained school men on the board of education.—*John Lamb, President Board of Education, Seattle, Wash.*

I am well aware that the tendency of the age in school matters, as in everything else, is toward the concentration of power, and I have no doubt that such concentration tends in most cases to increase efficiency. I have also sufficient faith in the men of my own craft to believe that autocratic power in their hands would generally improve schools, at least at first. And yet I am far from being convinced of the desirability of giving all the power to any one man. Certainly it is not democratic.

Granted that the people, as represented in the school committee, will make more mistakes than would be made by the expert school man, it is still important that the people should feel responsibility and learn wisdom from their mistakes, if need be; and enlightened public sentiment—mark the word enlightened, please—is the one sole condition on which the welfare of the schools depends. A man whose opinion is worth anything will generally be able to make his opinion felt, whether the whole power is technically lodged in his hands or not, and the power behind the throne is not only likely to be more stable than power on the throne, but it is in a position to do fully as much good.—*A. K. Whitcomb, Superintendent Schools, Lowell, Mass.*

A Voice from Nashville

Certainly no educator would nurture pride of opinion. Why, then, should any superintendent hesitate to discuss reasons with his board? The board should not elect as superintendent any person in whom they do not repose the greatest confidence, and once elected, the superintendent should be allowed the widest latitude of discretion. He should, of course, take the initiative in all matters pedagogical, but if, upon a free discussion, his recommendations are against reason, they should not be adopted. There should be the greatest cordiality and mu-

tual confidence between the board and the superintendent. If this exist, their discussions can only tend to throw light upon the subject, whether it be text books or janitors. If this be lacking, the superintendent should resign. If there is any good reason why a certain teacher should be removed, or why a certain person should not be appointed as a teacher, the superintendent ought to be able to state that reason to his co-workers. If there be reason for a change of a text book, the board is entitled to know that reason.

It will not do to say that the members of the board are not versed in pedagogy and, therefore, are not capable of judging the soundness of the superintendent's reasoning. Pedagogy is not a set of arbitrary rules; it is a science—or an art, if you please—evolved from reason and experience.

I understand why school room management must be autocratic, but why effort should be made to extend this theory to general school room management, is beyond my comprehension.

Until infallibility shall become a common attribute of humanity, I can see no excuse for the "one-man power."—*Edw. E. Barthell, President Board of Education, Nashville, Tenn.*

Shall a City Publish its Own School Books?

The Crucial Test of Time.

Great school books are like great poems—they are the few and far between inspired productions of men and women who are born to instruct. They do not come at the command of cities or states. When born to great educational value they go as inevitably to high places as tides do follow the attractive forces of the sun and moon.

But experience—the master teacher—shows that in the main, the good school book has been the product of evolution—of growth, and slow at that. Should we stifle it?

Who can count the thousands of still-born school books—the scores that wilted and died on exposure to the crucial test of the school room? Can we not now number, within a score, the names of those existing, in successful use, that were living but a score of years ago? Who among the earnest and gifted aspirants to authorship—the true and honest promoters of means and methods—will fail to learn wholesome lessons of prudence and caution to be drawn from these solemn facts?

Neither have great school books come from any one place, or section of country. In my humble judgment, the people of any city or state in this Union who are misled to stifle or restrict school book authorship or competition, in any manner whatsoever, will deliver the most surely deadly of all assaults against the marked, maybe too rapid, educational progress of our day and generation.

Chicago is a great city. Cities, like states, must grow by stages. This holds as true in educational interests as in commercial relations. Chicago ceases to be cosmopolitan the moment she closes her gates to all active, healthful and scientific competition that is needed with the outside educational world.

Restriction, such as this, no matter under what cloaking disguised as a boon, whether of state uniformity, state or city publishing, or what not, is "dead against" the very funda-

mental principles that our forefathers bled and died to win and maintain. It is blatantly impolitic in its direct interference with the legal trade relations of scores of taxed merchants, friends to the holy cause of education, and a robbery of their rights—is it within the provinces of the states of this Union to transcend their governing functions, and to invest the tax money of their people in manufacturing enterprises? It is a direct violation of the spirit, if not of the very letter of our constitution, and of the words of your state code it may be; but, above all, it is scientifically wrong in that it would impede all natural evolution of thought and impulse. It is a direct fling at the intelligence of the great army of teachers throughout the length and breadth of America and tends to stifle the humblest endeavor.

God grant that such a calamity may never befall the Empire State of the South, from which I have the honor of replying to your queries.—*G. R. Glenn, Commissioner Education of Georgia.*

From what I have seen of the books published by states I am satisfied that they are not the equal in any respect, except, possibly, that of price, of books published by regular book concerns. Why they should not do equally good work I do not know, but the fact remains that they have not done it in the past. If we ever reach a stage when text books have reached perfection, then I believe in state and municipal publication. Not before.—*J. G. Holland, Superintendent Public Instruction for North Dakota.*

I believe: (1) It is not feasible for a city to publish its school books; (2) I do not believe, quality for quality, any cheaper books would result; (3) I do not believe the quality would be as good as competing publishers now offer.—*Edward G. Ward, Superintendent of Schools, Brooklyn.*

I believe that home production of text books would prove detrimental to our schools. Our pupils should have the best that can be obtained, and the best will always be provided through competition. The best authorship could not be secured when sales are to be limited. It is not easy for a novice to surpass an adept in his special line of business. When either a city or a state shall produce cheaper text books than can be obtained from the regular publishers, they will also be inferior.—*C. J. Baxter, State Superintendent, New Jersey.*

The plan appears to me to be very hazardous. This judgment, however, is based upon general principles, rather than upon observations of cases in which the experiment has been tried.—*John R. Park, State Superintendent of Public Instruction, Utah.*

Experience of fifty years and observation very broadly extended induces me to answer very positively that I cannot approve such a plan. I do not believe that cheaper books can be purchased by this plan than by the regular publishing houses. I have never known an effort made by any state to publish its own books that jobbery was not charged upon somebody connected with it. Let publishers attend to their own business and educators to theirs.—*W. F. Slaton, Superintendent Schools, Atlanta, Ga.*

In my judgment such a plan is not at all feasible. Perhaps cheaper books can be purchased, but I am not so sure of it. The history of states which published their own books is that it costs a great deal more in the long run for the state to publish its own books than as though they paid for them outright, and the quality of the books is, as a rule, not nearly so good. It seems to me that what holds good for a state would be equally true of a city.—*J. H. Ackerman, Superintendent Public Instruction for Oregon.*

School Board Journal

A School Board Convention.

THE SCHOOL BOARDS OF SOUTHERN WISCONSIN WILL CONVENE AT RACINE APRIL 6.

When President Jas. H. Nattrass concluded to call a meeting of the school board members of the state he took a step that is a decidedly progressive one. In his own county Mr. Nattrass made some observations which were suggestive and which led to the call for a school board meeting.

In calling meetings of the various school boards in Lafayette county, he found the greatest interest and enthusiasm on the part of the members in the discussion of important topics bearing on school administration. School board

members went back to their towns enthused in their work, equipped to deal more wisely with school matters coming under their care.

The arrangement of the program for the Racine meeting was entrusted to the care of Wm. Geo. Bruce, editor of THE SCHOOL BOARD JOURNAL, who has also been delegated to open the meeting.

The program which has been provided is as follows:

2 P. M., HIGH SCHOOL BUILDING.

Address of Welcome—John L. Sieb, president board of education, Racine, Wis.

Paper—"School Board Duties"—Berthold Zinn, president school board, Milwaukee.

Discussion—Johnson A. Jackson, member school board, Kenosha; Charles F. Case, secretary school board, Lake Geneva; W. S. Jeffries, member school board, Janesville.

Paper—"The Relations of School Boards and Teachers"—William George Bruce, editor THE AMERICAN SCHOOL BOARD JOURNAL, Milwaukee.

Discussion—P. J. Mouat, president board of education, Janesville; T. L. Wright, member school board, Beloit; Charles S. French, member school board, Lake Geneva.

Paper—"School House Architecture and Hygiene"—J. G. Chandler, architect, Racine.

Discussion—John Wiechers, member school board, Racine; H. C. Martin, school director, Darlington.

Paper—"The Employment and Dismissal of Teachers"—Samuel C. Newman, member school board, Kenosha.



PROF. J. H. NATTRASS.
President Southern Wisconsin Teachers' Association.

Discussion—F. L. Clemons, Janesville; F. A. Feny, president school board, Edgerton; George J. Kiepert, president school board, Jefferson.

Election of officers, routine business, etc.

Topics for discussion will include "One-Man Power in School Administration," "The Purchase of School Supplies," "The Most Equitable Grading of Salaries for Teachers," "On What Should Judgment Be Based in Engaging a Teacher?" "What School Boards May Properly Do in the Way of School Room Decoration," "Should a Teacher, Under Contract, Be Allowed to Resign During the School Year to Accept a Better Position?" "What Shall Be Done With the Local Teacher?" and "In School Affairs Should Power Be More Centralized?"

Pennsylvania Convention of School Directors.

Harrisburg, Pa. The fifth annual meeting of the State Association of School Directors was held February 15th and 16th in this city. Hugh B. Eastburn, of Doylestown, president of the association, called the convention to order and A. G. Gotwals acted as secretary. Those who delivered addresses on educational topics were Governor Stone, Professor A. Reist Rutt, Milton; William Wynkoop, Newton; Henry Houck, Deputy Superintendent Public Instruction, Superintendent Samuel Hamilton, Allegheny; President George W. Atherton, State College; Dr. H. H. Longsdorf, Dickinson; Mrs. Julia Cope Collins, Haverford; Superintendent George W. Twitmeyer, Bethlehem; Professor R. S. Macmonee, Stafford; L. A. Cleaver, Admore; Robert L. Myers, Cumberland county; Principal H. J. P. Welsh, State Normal School, Bloomsburg; Samuel J. Garner, Hatboro, Dr. N. C. Schaffer, State Superintendent.

The convention was largely attended and much interest was manifested in the proceeding which were quite animated at times.

A committee appointed to consider the matter of a stronger union of educational forces in Pennsylvania, reported through its chairman, J. R. Spiegler, of Westmoreland, in favor of the formation of a State Educational Association, to embrace the State Directors' Association, the State Teachers' Association, and the State Principals' and Superintendents' Association. The Directors' Association, to be the leading body in this consolidation, in view of the fact that the Directors are responsible for the teachers and superintendents. The report was referred to another committee, which is to report at the next annual meeting of the Association. Among the subjects discussed were the following: "The Centralization of District Schools," "The Relation of School Boards to the People and to the Teachers," "The Importance, Use and Object of the State School Directors' Convention," "Do the Schools of the Commonwealth Meet Our Educational Needs?"

The Committee on Resolutions reported in favor of liberal compensation for teachers, the elimination by the next legislature of the clause in the act empowering Directors to consolidate schools, "if it does not increase the cost," regretted the failure of the legislature to appropriate funds for the circulation of the reports of the proceedings of the State Directors' Association and vigorously protesting against a reduction of the public school appropriation.

These officers were chosen for the ensuing year: President, William Field Shaw, Watsontown; First Vice-President, Simon S. Bowman, Dauphin; Second Vice-President, William Wynkoop, Bucks; Third Vice President, J. C. Smith, Jefferson; Recording Secretary, S. J. Garner, Montgomery; Corresponding Secretary, Rev. E. E. Hassler, Somerset; Treasurer, H. H. Rice, Dauphin; Executive Committee, J. R. Spiegler, Westmoreland, Chairman; George H. Hugus, Westmoreland; A. C. Coulter, Allegheny; William H. Sandford, Cambria, and Samuel M. Wakefield, Fayette.

A Legislative Committee was appointed as follows: John S. Wentz, Montgomery; R. L. Myers, Cumberland; Charles M. Van Fleet, Philadelphia; W. John Campbell, Chester; Robert F. Beatty, Delaware.

Miss Mae E. Schreiber.

Among the women educators of the Northwest there is perhaps none that has attained greater prominence in educational life and whose usefulness has assumed a wider scope than that of Miss Schreiber of Wisconsin, the efficient state superintendent of school libraries. Her career in educational work is remarkable for its untiring activity and the steady growth of her range of usefulness.

After graduating from the state normal school at Oshkosh, she taught for two years in the normal schools at Platteville and River Falls. She then completed a special course in literature, history and German at Wellesley, and took one year in the study of music under the direction of Prof. W. L. Tomlins. Her real labors and those which gave her the prestige she now enjoys were begun in the state normal school at Milwaukee as the head of the department of literature and music, also as the director of library reading. Her literature work became known for its originality and effectiveness and did much towards the recognized popularity of the Milwaukee normal. Her capacity for hard work was unlimited, and as an organizer she was unsurpassed.

While personally directing the work in literature and music in the normal school proper, she also directed the reading of all the children of the various departments of the model school. She threw herself into this work with all the ardor of an enthusiastic and resourceful educator. Thousands of children owe their love for good literature to Miss Schreiber. Her work not only commanded appreciation, but she was recognized as a woman of exceptional force and character. It was conceded that she had become an authority on children's literature. Her classified list of children's books have been in demand throughout the entire country.

It is a well known fact that Wisconsin leads in the matter of school libraries, and that the care and study which this branch has received at the hands of school authorities has also tended to recognize only the highest ability in pursuing the same. When, therefore, Miss Schreiber was appointed at the beginning of last year as the superintendent of school libraries, those familiar with her splendid labors in this field hailed the recognition with delight. Miss Schreiber's list for township libraries, published by the state department of public instruction, is considered a model and is in constant demand.



PROF. W. N. PARKER,
President Wisconsin State
Teachers' Ass'n.



PROF. G. H. LANDGRAF,
Secretary Southern Wisconsin
Teachers' Ass'n.

How to Ventilate a School Room.

By OLIVER O. SMITH, ARCHT., DES MOINES, IA.

Continued from the February number.

The expense of warming so great an amount of fresh air is one to be considered, if an arrangement can be made whereby an equally successful ventilation can be had with a less amount of supply. Why should it be necessary to furnish from 2,000 to 6,000 cubic feet of pure fresh air for each individual when the actual consumption is but twenty feet? Is it not evident that the system which requires such a surplus is defective in arrangement, that some of the laws of the natural movements of the atmosphere are being overlooked? Is it not probable that the two are conflicting?

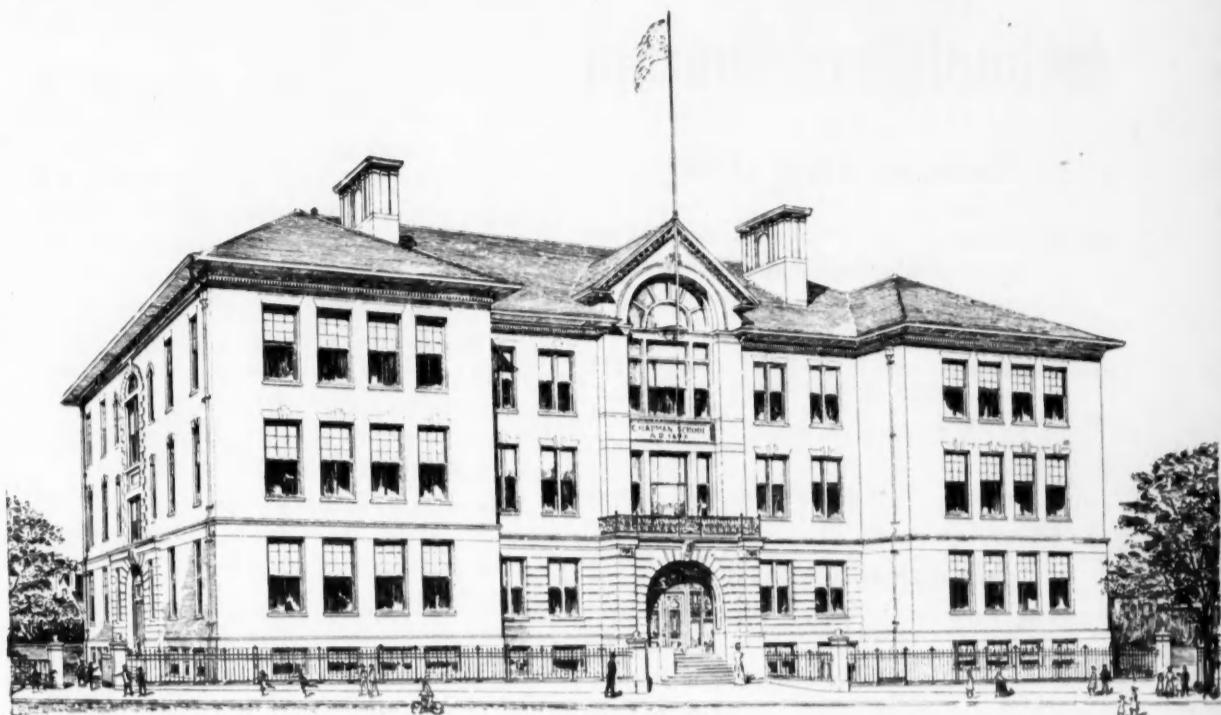
That eminent and successful physician and scientist, the late Dr. Parks, has said, "As the ascent of respiration air is rapid, on account not only of its temperature, but from the force with which it is propelled upward, the point of discharge should be above." With a temperature of 70° degrees F. the temperature of the air expelled from the lungs is from 85 degrees to 95 degrees F., and it is a recognized fact, which it is unnecessary to stop to prove, that as air is heated it expands and ascends. And now we have in evidence one of the natural laws which we are attempting to change, which we are compelled to overcome, when we attempt to ventilate the school room by exhausting the air at the floor.

If twenty cubic feet of fresh air could be supplied to each individual, without the danger of that which was previously respired mingling with and returning to be breathed again with the fresh air supplied, it would be sufficient to produce a healthy atmosphere. Of course, it would be unwise to limit the occupants of the room to this amount; but even if we should double it, triple it, or multiply it by ten, we would still have an amount of air which represents but 10 per cent. of the least amount allowable in the systems where the air is brought in at the ceiling and carried off at the floor.

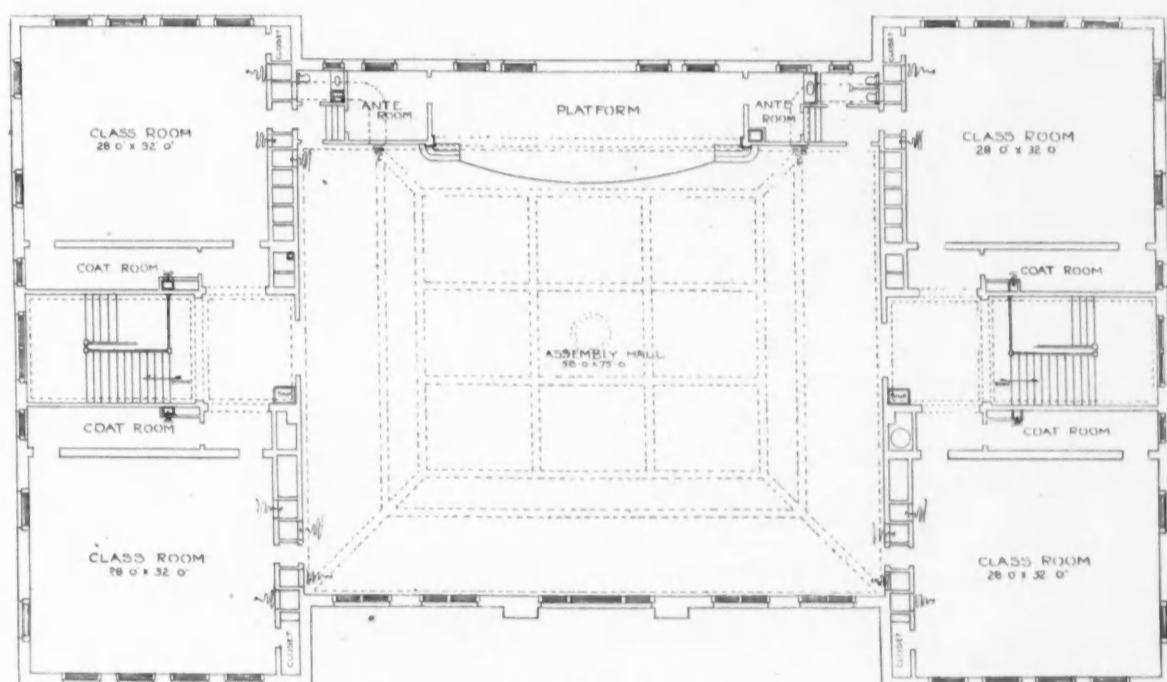
Although the enormous amount of from 2,000 to 6,000 cubic feet per hour with an increased velocity in its movement is made necessary in order that the natural upward tendency of respiration may be overcome by the volume of lowering air and carried with it to the outlets which have been provided at the floor; yet, if we might be assured that this upward tendency of respiration air was not too strong to be overcome by the velocity of the current which is allowable in a school room, and that respiration air did not, in spite of the effort made to change its course, rise at least in some degree, sufficient to allow it to mingle with and pollute the pure, fresh, descending air, to be inhaled again by the same person or some other person in close vicinity, we might be reconciled to the less objectionable feature of furnishing so great a volume of tempered air at the increased expense of the fuel required to warm it.

The direction of respiration air is upward; then why should we attempt to change its direction and carry it off at the floor? It has been attempted from an economical basis; it having been argued that as heated air arises it rushes through the room like passing through a flue without giving time to consume the benefits from the heat which it contains, and that therefore, by bringing it into the room above, and forcing it to descend to the floor, it can be retained for a sufficient time to insure the desired economy; but at the same time the volume of supply has been so increased as to again increase the expense of producing a ventilation the efficiency of which is questioned. Dr. Houghton's careful observations will testify, when he said,

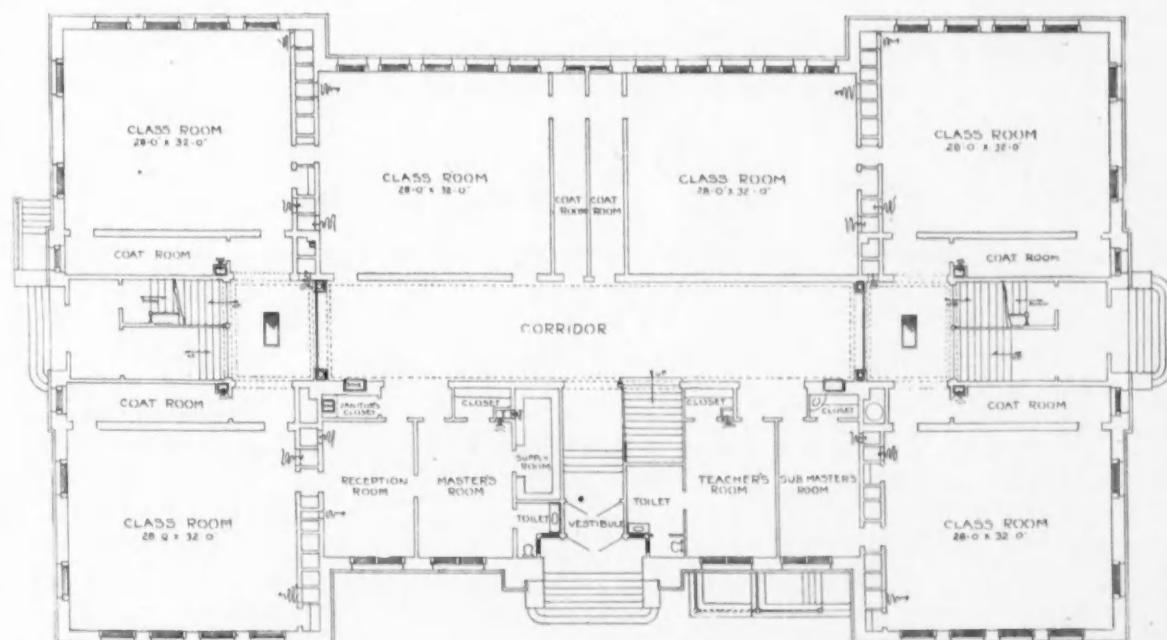
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NEW CHAPMAN GRAMMAR SCHOOL, EAST BOSTON, MASS.



PLAN OF THIRD FLOOR.



Greenleaf & Cobb, Archt.,
Boston

PLAN OF FIRST FLOOR.

FLOOR PLANS, NEW CHAPMAN GRAMMAR SCHOOL, EAST BOSTON, MASS.

School Board Journal

THE AMERICAN School Board Journal

DEVOTED TO

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THE CHICAGO MEETING.

The meeting of the Department of Superintendents, held at Chicago last month, tended to intensify the interest in the subject of one-man power in school administration. While not all superintendents are ready and willing to enter upon a public discussion of the subject, most of them have fixed opinions and are ready to express them.

The rank and file of superintendents ask for nothing more than fair play. They recognize that the power to appoint and dismiss teachers, if vested solely in the superintendent, will lead to trouble, that in a country where a democratic form of government obtains, no one man should be clothed with great arbitrary powers.

The average superintendent is willing to share responsibilities between himself and his board. He knows that his life would be a burden and his professional career short-lived should he undertake to shoulder such duties as may rightfully belong to the school board.

An attempt was made by several of the champions of the one-man power in school administration to make propaganda for their pet hobby and thus incidentally aid Supt. Andrews of Chicago. The animus of the movement was, however, too apparent to serve its purpose.

The discussions which will yet follow will, no doubt, clear the atmosphere and establish an equitable relationship between school board and superintendent, between the legislative function of the one and the educational prerogatives of the other.

ANOTHER ONE-MAN POWER NUISANCE.

Much has been said recently on the subject of "one-man power" in school administration. The discussions have centered around the argument that the superintendent should become an absolute dictator in school administration. This idea, as is well known, has been championed by such men as Supt. Andrews of Chicago, Supt. Jones of Cleveland, Supt. Soldan of St. Louis, and President Andrew S. Draper of the University of Illinois.

The columns of this journal have brought out various opinions on the subject, and shall continue the discussion until sufficient light has been thrown upon the same to afford an

equitable division of labors and responsibilities between the superintendent and the school board.

It is the purpose here to point to the "one-man power," which may spring up in a school board, far more dangerous than any arbitrary power, which any superintendent may arrogate to himself. We have in mind the member of a school board who serves in the capacity of a boss. Small school boards centralize power, thus enabling, oftentimes, one man to dominate the entire board. We deprecate arbitrary powers in a superintendent, and much more in a political schemer who ingeniously lays the wires in school board argument to make himself an absolute ruler.

School board action should be the direct result of careful deliberation. This deliberation should be born of a desire to serve the best interests of the school. The superintendent is invariably entitled to hearty co-operation in his efforts to elevate and strengthen the school system. While a political boss reigns, the superintendent too frequently becomes the target of his designs. One designing rascal on the school board can give a superintendent more worry than all the ordinary responsibilities of managing the whole school system. Such a schemer is usually not in sympathy with the true mission of the schools, has no appreciation for the professional workers, no regard for public sentiment, and strives only to attain personal advantages for himself and companions.

While the defenders of the superintendent one-man power are inclined to extravagant statements regarding the bane of political influence in school administration, we are not blind to the existence of a species of the vicious school board member. We denounce him as heartily as we do any other evil in school administration. If school boards will recognize the true function of their organization, understanding that it is a representative body, that its work must be a deliberate majority sentiment of its members, that its purpose can lead honorably to one end only, all bossism and czarism will fall of its own accord.

TEACHER'S SKIRTS.

The following is a sensible comment made by a western newspaper on the teacher's skirt in the school room: The edifying spectacle of school boards and superintendents gravely deliberating over the proper length of teachers' dresses and forbidding the short skirts in the school room is becoming quite common. After berating women for dragging dirt and microbes about in their skirts, they pounce upon them as soon as they begin to wear sensible short ones and will have none of them in the school room where there is the greatest need for wholesome cleanliness. The dust of the street, with all its filth, is brought in by numerous, restless small feet, and is constantly stirred up by the skirt that touches the floor. The smart skirt swinging clear of the instep is too good to be true and so must be prohibited. To be sure, some of the women, particularly those with shapely feet, may have worn them a trifle short, but what of it, they

could not be called immodest at the worst, even if they do appear "undignified" to the honorable gentlemen. Surely women who have sufficient sense and character to teach in the public schools can be trusted for a proper cut of their gowns with no one to say them nay. Otherwise they are deprived of their right to life, liberty and the pursuit of happiness. The garments of men are not always of becoming or seemly cut, but they go their sweet way unmolested and should allow the same privilege to their fellow sisters.

WOMEN AS TEACHERS.

A writer in the official organ of the London Association of School Boards has compiled some interesting statistics which demonstrate that women are gradually getting a monopoly on education. We cull the following from his article which shows how vastly now, women teachers outnumber men:

"In 1875 there were 10,816 men, certificated and uncertificated, as against 12,840 women. Last year these numbers had reached a total of 27,504 in the one case, and of 74,242 in the other. That is to say, within the same period the increase of women teachers has a good deal more than doubled that of the men. Concerning the numbers of pupil teachers—that system of apprenticeship which Matthew Arnold vigorously defended after it had stood the test of forty years—the comparison is still more striking. For while in 1875 there were 10,842 boys and 18,403 girls in the ranks of the pupil teachers, in 1898 the former class had diminished by 3,865 to 6,977, and the latter had increased by 8,028 to no fewer than 26,431. At this rate the ladies will soon have complete control of the educational problem."

Boards of education, in selecting text books, should be controlled by the merits of the books only. The books should be up to date in subject matter; high in moral value and rich in useful knowledge, so arranged and presented that its acquisition gives mental power and practical training for the work of life. To stand the wear and tear of children, the material from which the books are made, and the mechanical workmanship, should be first-class in every respect. If in the choice of school books cheapness is to be the controlling factor, these essentials will hardly receive the consideration they deserve.

The Trenton, N. J., board of education believes in courageous school ma'am and as a stimulus suspended several teachers for abandoning their pupils when the school house was on fire and making their escape.

To the administrative ability, to the public spirit, to the enterprising disposition, to the educational enthusiasm of the board of education is due the building up and maintaining a strong school system.

Every state should do its utmost to train teachers for the responsible work required of them.

The public school system does not exist to furnish places for the relatives and friends of the appointing power or for the residents of a locality; they exist for the welfare of the children and the community. Remember this, members of boards of education.

"School buildings should be the highest expression of sanitary and educational wisdom, as well as of civic pride."

The public schools belong to all the people and should be absolutely free from sectional or sectarian bias.

No duty delegated to public servants is more sacred or more vital than that assumed by members of boards of education.

The success of a night school depends entirely upon the tact and ability of the teacher.



The educational millennium as pictured by the Chicago press.

Night school is not the place for a poor teacher. Because the only way to hold those who come is to make them feel that they are getting something. School boards should use wise discretion in the selection of night school teachers.

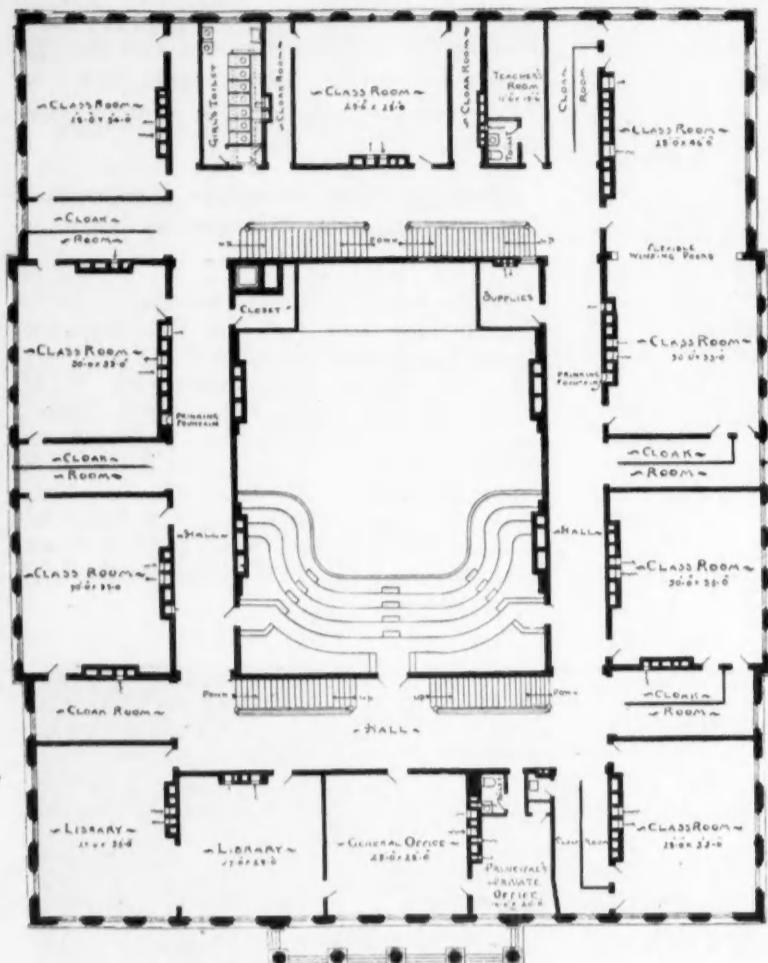
Poor schools, poor teachers, poor methods are too costly to be tolerated by boards of education.

At the recent meeting of the Department of Superintendents, N. E. A., the following school supply houses were represented: Dixon Pencil Co., Geo. Howard Reed, Jersey City, N. J.; Central School Supply House, E. A. Lorenz, manager, Geo. W. Rowe, Geo. O. Wentworth, Washington, D. C.; J. M. Olcott & Co., J. M. Olcott, manager, D. P. Olcott, Chicago; Eagle Pencil Co., Andrew R. Wilson, New York; Adjustable School Window Shades, W. H. Stockman, Buffalo, N. Y., F. H. Knapp, 44 Randolph street, Chicago.

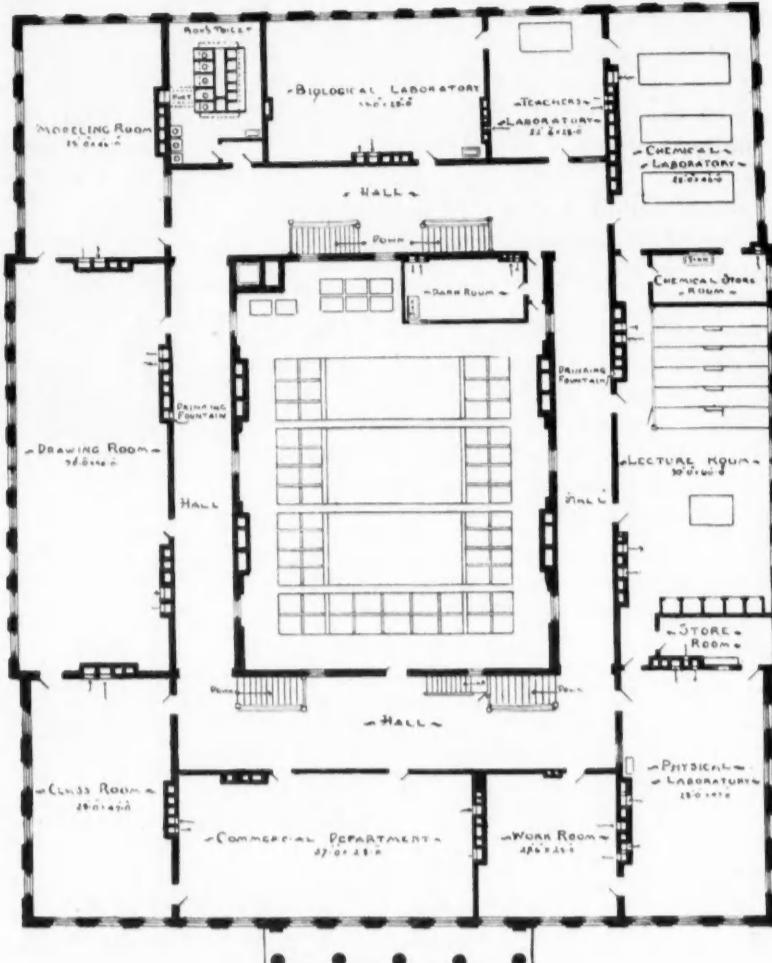


A flash light picture of the Chicago Board of Education taken for the Educational Exhibit at the Paris Exposition.

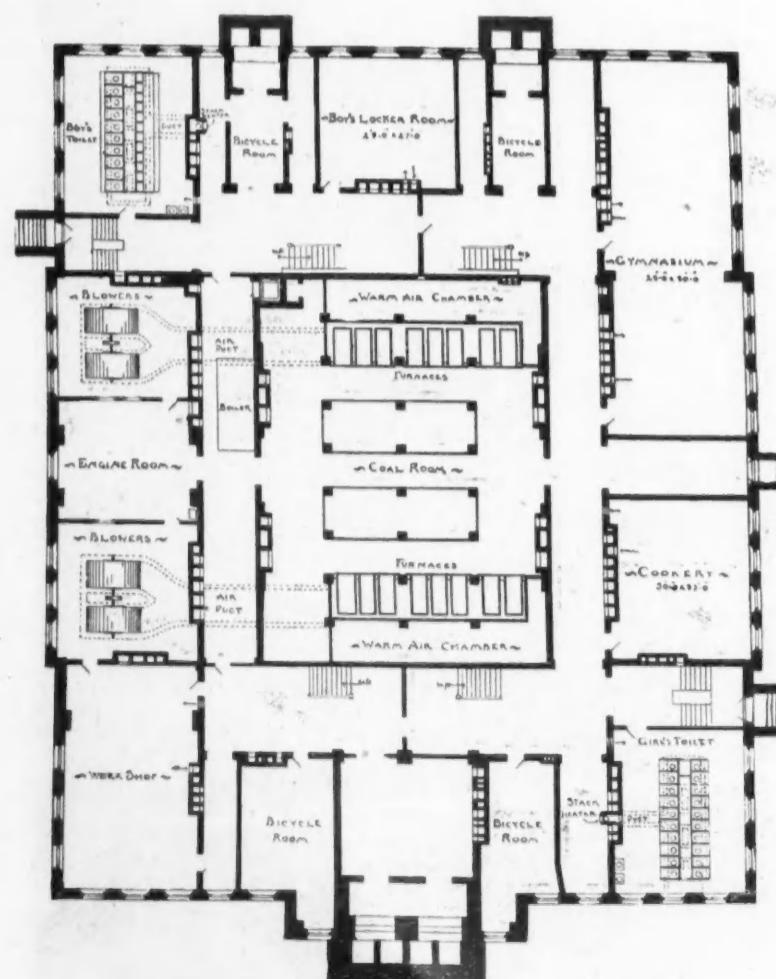
School Board Journal



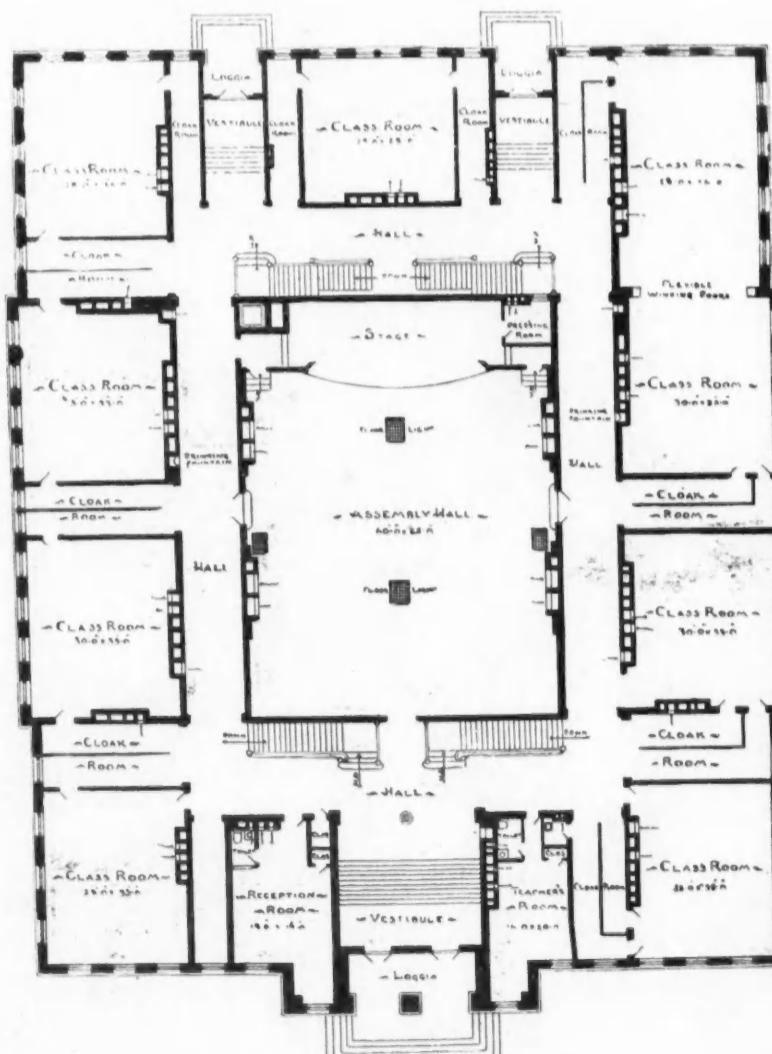
SECOND FLOOR.



THIRD FLOOR.



BASEMENT.



FIRST FLOOR.

New School Buildings.

The new First ward school at Ligonier, Ind., is one story and basement, and has an outside dimension of 77x57 feet. Each room has an area equal to 750 square feet, with a seating capacity to accommodate fifty pupils. The contract for heating and ventilating was given to Kruse & Derwenter, of Indianapolis. The plan of the building was drawn by Wing & Mahurin, architects, Fort Wayne, Ind.

The material of the exterior walls of the new Chapman school, East Boston, Mass., will be buff brick, white limestone trimmings and granite base, roofs of Maine slate, cornices and crown work of copper. There will be sixteen class rooms and an assembly hall seating 800 people. Convenient ante-rooms for master and teachers are provided. The interior finish of the rooms and all appliances for heating, ventilation and sanitary convenience will be of latest inventions. The staircases are fire-proof structure throughout, and substantial partition walls of masonry will render the building practically fire-proof. Separate cloak rooms with outer windows and special ventilation.

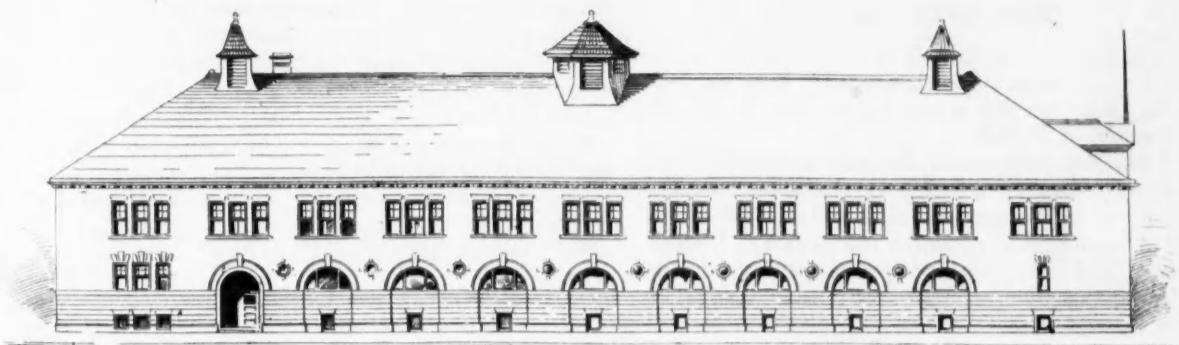
In the basement will be light and airy rooms for manual training, cooking class and janitor's office; also large and thoroughly ventilated toilet rooms with asphalt floors, boiler and fuel rooms and fan room. By the general arrangement of the plan every class room will have sunlight sometime during the day.



HON. HOKE SMITH,
Re-elected President Board of Education,
Atlanta, Ga.



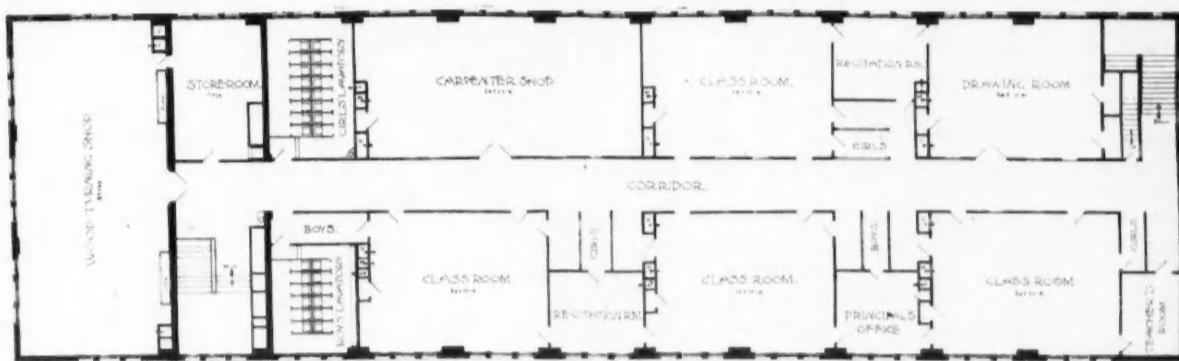
THE NEW FIRST WARD SCHOOL, LIGONIER, IND.



FRONT ELEVATION.



GALLERY PLAN.

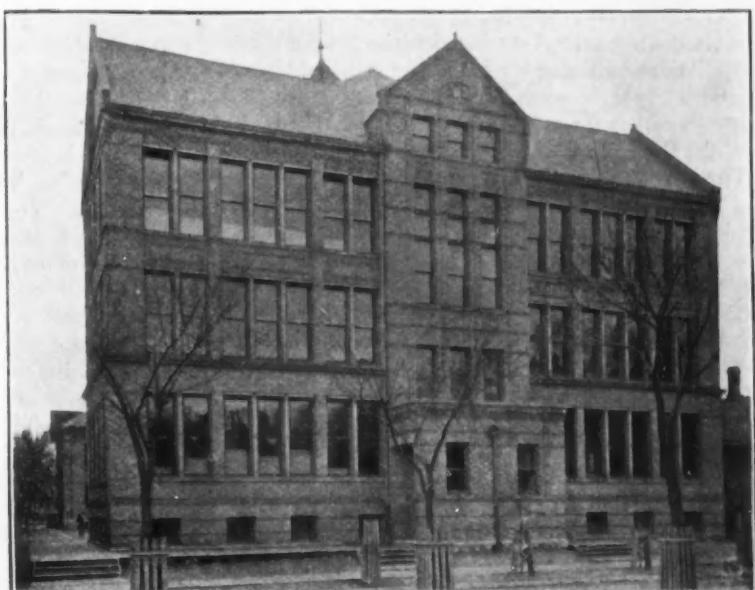


THIRD FLOOR PLAN.



BASEMENT PLAN.

NEW MANUAL TRAINING SCHOOL, LOWELL, MASS.



TENTH DISTRICT SCHOOL NO. 2, MILWAUKEE, WIS.

Harry Prencott Graves,
Architect.

School Board Journal

School Board Conventions.

Hillsdale, Mich. The Hillsdale County School Officers' Association met here on Feb. 10. The meeting was presided over by W. H. French, of Hillsdale.

The first paper read discussed the desirability of imparting instruction in the schools on the subject of dangerous communicable diseases. The importance of enforcing personal cleanliness of the children and neatness and good sanitation of the grounds was impressed. The speaker declared that "soap and towels and water were as essential in a school room as a blackboard."

Orrin O'Hara, of Wheatland, talked on the subject, "What Constitutes a Competent school Officer?" Some might say that the officer who is most economical is the most competent, but the speaker decried stinginess and said that stinginess is not always economy. Schools should be supplied with proper appliances, good teachers, books, proper ventilation and sanitation, and these essentials should not be placed in the balance against the money required for them and the latter be allowed to outweigh the former. He praised the public schools as the bulwark of our civilization, our support in the past and our hope for the future.

A general discussion followed, whereupon a recess was taken till the afternoon.

F. P. Robards opened the afternoon session with some lively observations upon the subject, "What Do Villages, Cities and Their Schools Owe to the Rural Communities?"

Angus Beers drew a comparison of schools and scholars of a quarter century ago with those of today and thought district schools had retrograded.

J. H. Hile, of Ransom, lead off on the subject, "What is the Best Unit of Taxation for Public Schools?" Mr. Hile thought the unit should not be less than the township, but he would prefer the county for a unit. The rich should help bear the burden of the poor in the matter of education and he thought that could be accomplished by enlarging the territory for purposes of taxation. The poor have bright children as well as the rich. Great advantage would be secured by having the township, or, better, the county, back of the schools as a unit.

E. G. Rockwood favored the specific system and believed that schools should be maintained wholly by a corporation tax. He claimed that this was within the purview of the constitution, and that much money derived from the source referred to was diverted into improper channels. He would not object to a direct tax for school purposes if specific taxes were used for state purposes.

W. H. French argued that he would not take away from the patrons of the schools the responsibility for their maintenance.

The question of allowing holidays to teachers hiring for a fixed number of days provoked an animated discussion. Court decisions upon the point were quoted which established the teacher's right to such holidays; they count so many days taught, and they cannot be required to make them up.

The truancy problem, the question of recess and short noon hours received some attention.

The session closed by the election of officers and the appointment of an executive committee, as follows: President, W. H. French; secretary, F. H. Stone; executive committee, C. H. Jennings, Cambria; J. H. Hile, Ransom; B. G. Griswold, Reading.

At the annual meeting of the convention of the Public School Officers' Association of Tennessee, held at Nashville, a resolution was adopted which read as follows:

"That the best interests of the schools would be promoted, the efficiency of the directors increased, if the county superintendents were em-

powered to call the directory in convention twice each year for the purpose of deliberating upon the best interests of the schools of their respective counties and discussing important school matters.

"And to secure the success of these conventions of directors, a law should be passed providing for the payment of the per diem and mileage of the directors who attend the directors' conventions.

Supplies and Equipment.

G. W. Holden, the patent book cover man of Springfield, Mass., has made an assignment. His liabilities are as yet unknown.

Utica, N. Y. Bids for furnishing desks for the new Mandeville street school were received from L. F. Stillman, agent; the Manitowoc Seating Co.; the United States School Furnishing Co., Chicago; Williams & Morgan, Utica, for the Grand Rapids School Furniture Co. The contract was awarded to Williams & Morgan.

Mansfield, O. School desks purchased from the Grand Rapids School Furniture Co.

Little Falls, N. Y. The board decided to make a large purchase of school furniture to equip the new high and grade school. The purchase to be made through Randolph McNutt, Buffalo agent of the American Seating Co.

Detroit, Mich. The board ordered bought from A. H. Andrews & Co., Chicago, 700 opera chairs.

Conneaut, O. School desks purchased from the Favorite Desk Co.

Albany, N. Y. A bill has been introduced in the legislature to allow school boards to purchase school furniture outside of the prisons, provided it is made by labor within the state. Several years ago a bill became a law which required school boards to purchase school furniture from the prisons at a price which was fixed by the legislature. The law has thrown quite a number of workmen out of employment, and at a meeting of the executive committee of the State Federation of Labor at Albany in January resolutions were passed favoring the open purchase of school furniture.

Hastings, Minn. Thos. Kane & Co.'s works furnished the board with a large supply of school desks.

Nashville, Tenn. The United States School Furniture Co. supplied the furniture for the Fall school.

Superior, Wis. School desks purchased from the American School Furniture Co.

Trenton, N. J. The board of school commissioners has decided to erect fire escapes on all school buildings not now supplied.

McKeesport, Pa. The school board has decided to place twenty inside telephones, automatic heating and regulating system and a synchronized clock system in the new high school.

Joliet, Ill. The new high school is to be equipped with electrical appliances for telephones, program clocks and experimental work according to the plans of the architect of the building. F. S. Allen.

The Slatington-Bangor Slate Syndicate, of Slatington, Pa., has issued a handsome calendar showing the Western Hemisphere, and designating the United States and its possessions with the imprint of the United States flag. The calendar will make an attractive wall decoration, especially for the school room. The Slatington-Bangor Slate Syndicate, of which James L. Foote is the general manager, manufactures slate blackboards, structural slate and roofer's supplies. Their manufactured articles are shipped all over the world.

An Eastern educator says that if bathing facilities were introduced in the public schools contagious diseases to a large extent would be held in check, as the school room is generally a

nest of disease germs, and cleanliness of the body is the first remedy to be looked after when contagion lurks in the air.

Davenport, Ia. A large supply of drawing material purchased from the Prang Educational Company.

Congressman Lentz, of Ohio, proposes to give every public school in the country a map of the United States and its dependencies, at government expense. Events of the recent past have greatly changed the lines of the political geography. Mr. Lentz thinks that every school should be provided with a map showing the new lines, but recognizes that it would work a hardship upon school boards to provide these maps from their own funds; hence the proposition of government aid.

The Stockman-Moore Company has fitted fifty-two schools in Buffalo, N. Y., with its adjustable window shades. The same company has also fitted the following number of schools in cities mentioned: Syracuse six, Utica two, Rome one, and Oswego five.

New York, N. Y. Shower baths are to be provided in the schools. The experiment will be tried first in a few schools. The plan to be adopted, it is said, will be most effective, and yet cost a moderate amount. The city will furnish hot and cold water but the children must bring their own towels.

Pittsburg, Pa. Several of the central board of education have been discussing the advisability of placing shower baths in the schools, with a view of popularizing this form of education with the small boy of the city, especially in the down-town districts.

Sioux Falls, S. D. School material procured from the Central School Supply House.

Detroit, Mich. The Favorite Desk & Seating Co., of Cleveland, O., sent to the school board a sample opera chair and a certified check for \$100 to back up its offer to furnish 700 chairs for the western high school at \$1.90 apiece, which is ninety-five cents cheaper than the contract already awarded by the board, but which is subject to the mayor's veto.

Braddock, Pa. The Baker Office Furniture Co. supplied the chairs for the new school.

Syracuse, N. Y. There is a strong opposition being made by the board of education to the use of prison made desks.

Fred H. Knapp, the inventor and manufacturer of the Knapp Shade Adjuster, attended the meeting of the Department of Superintendents, N. E. A., held at Chicago last month. He met a number of school men from various parts of the United States.

The 100-page 1900 catalogue of P. P. Caproni & Bro., of Boston, will be mailed to any reader of THE SCHOOL BOARD JOURNAL for only 15 cents, which contains a list of plaster casts, reproductions from antique and modern sculpture, and a large number of subjects from art schools. School officers and teachers interested in securing best art work for schools should have this catalogue on the desks.

Conneaut, O. School supplies purchased from the Caxton Co., Chicago; ink from Harry D. Kirk, Chicago.

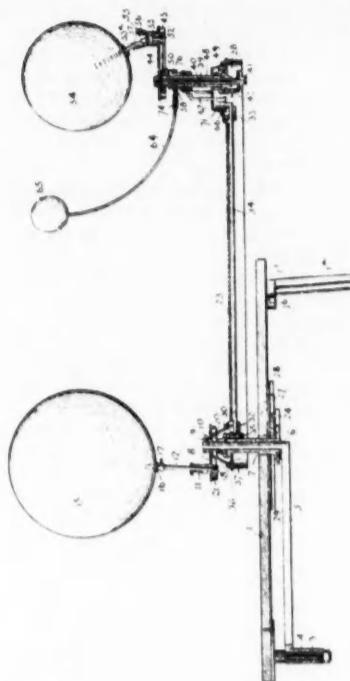
L. D. Brown, who was for many years connected with the United States School Furniture Co., and more recently with the American School Furniture Co., will represent the latter concern at Pittsburgh. This is Mr. Brown's former home, and the change of location will prove an acceptable one to him. Mr. Brown is an experienced school furniture man, whose labors have always been attended with success.

There is a strong likeness between Hon. C. J. Baxter, state superintendent of New Jersey, and Mr. H. T. Little, of Peckham, Little & Co. At an educational gathering recently Mr. Baxter was frequently taken for Mr. Little.

Continued on subsequent pages.

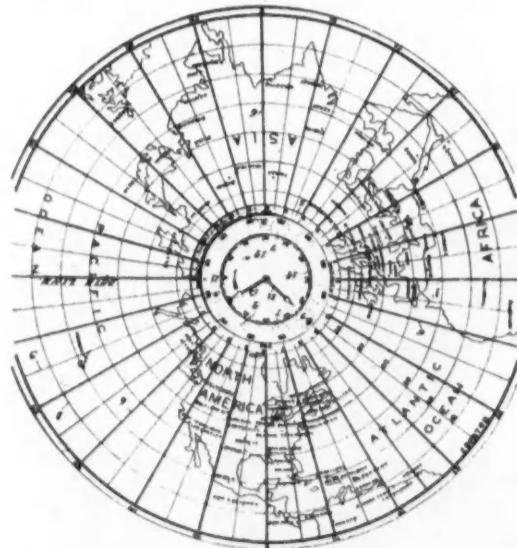
Recent Patents.

TELLURIAN. Albert M. Baker, Lexington, Ky.



A tellurian having a swinging orbital arm, an operating-spindle mounted upon said arm, means for communicating rotary motion to said spindle, an earth-globe-carrying plate, an earth-globe spindle mounted upon said plate, an earth-globe-carrying spindle to which said plate is fixed, and which is operatively connected with the operating-spindle for maintaining a uniform direction of inclination of the axis of the earth-globe, a second spindle also actuated by said operating-spindle, and operatively connected with the earth-globe spindle for communicating diurnal revolution to the latter, a moon-globe-carrying collar mounted upon said second spindle for movement parallel with the axis thereof, means actuated by said operating-spindle for reciprocating said collar, a rocker mounted upon said collar and having a finger, a cam on said second spindle traversed by the finger, for tilting the rocker during the reciprocatory movement of the collar, and a moon-globe-supporting arm carried by the rocker.

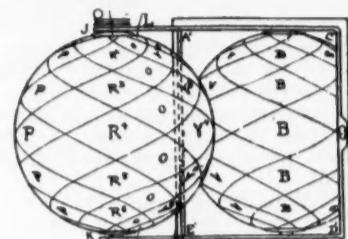
GEOGRAPHICAL CLOCK. Isaac F. Pheils, Woodville, O.



A time-indicator having a stationary disk provided with a field containing a superficial geographical representation, including radiating meridian-lines and an international date-line, an annular time-dial revolvably mounted at the center of said disk with its axis at the point from which said meridian-lines radiate, and provided with a scale of time characters adapted for

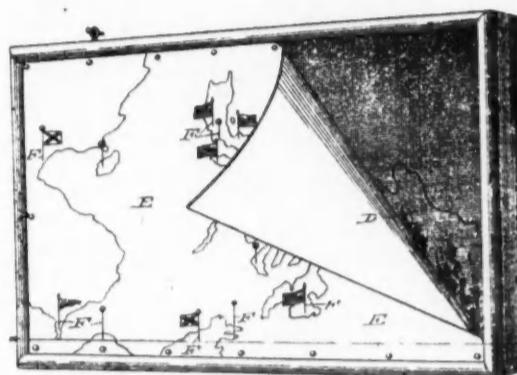
respective registration with the meridian-lines, and a fractional-time-indicating device mounted within the space encircled by the time-dial and concentric therewith for indicating the fractions of the periods represented upon the time-dial, said fractional-time-indicating device having a movable element operatively connected with for actuation by the time-dial.

COLOR-SPHERE AND MOUNT. Albert H. Munsell, Brookline, Mass.



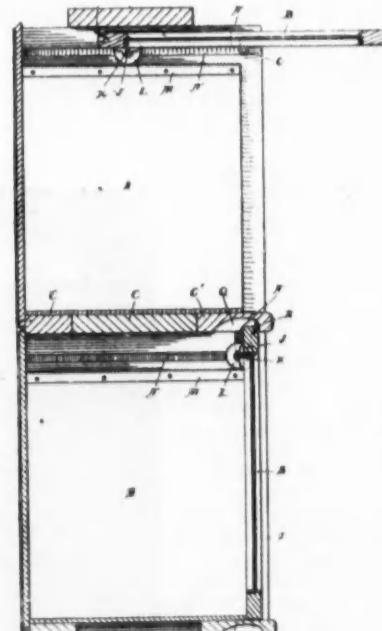
A sphere displaying all gradations of color from white to black, and a mount arranged to suspend a color-sphere so that it may be revolved on any chosen axis before the surface of a mirror, in combination with a mirror, all constructed and operating.

EDUCATIONAL DEVICE. Clarence A. Evans, Chester, Pa.



A piece of gauze, a supporting-mat therefor, a characteristic field on said piece, means for connecting parts as one, and markers adapted to be inserted through said field and piece into said mat, the parts named being combined forming a device for teaching, amusement, etc., of the order stated.

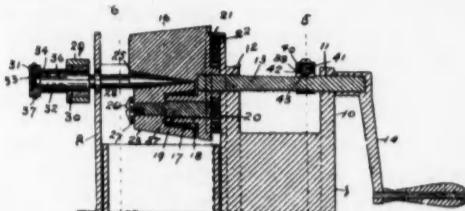
SECTIONAL BOOKCASE. Frank Macey, Grand Rapids, Mich.



The combination of a case having horizontal grooves in its ends, a rod having its ends in said grooves and traversing the same, a front pivot-

ally supported on said rod and adapted to turn thereon from vertical to horizontal planes, and means on said casing and co-operating means on said rod for limiting and equalizing the movement of the respective ends of the front.

PENCIL-SHARPENER. John A. Webster, New York, N. Y., assignor to Florence A. Morrison, same place.

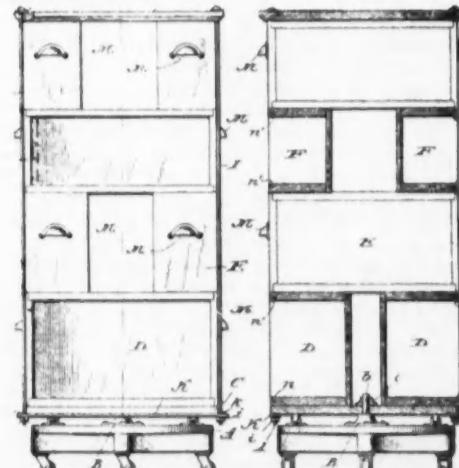


In a pencil-sharpener, a cutter conical in form and provided with blades, a block provided with a conical groove adapted to hold a pencil whereby one side thereof will be presented to said cutter, means to rotate said cutter, and means to give the cutter and block a planetary motion, and means to adjust one of said last-named parts whereby a different point may be given to the pencil.

TELLURIAN. George T. Huff, Mill Green, Md.



A tellurian comprising a supporting-stand, a single arbor secured firmly to said stand in a vertical position and provided with cranks which lie on opposite sides of the axis thereof, arms fitted loosely on said cranks to be sustained wholly by the arbor, a shiftable spindle supported loosely by the arm, and a globe mounted on said spindle.



A knockdown rotary bookcase, comprising a rotatable supporting-base, boxes stacked thereon in vertical series, the boxes of each series being disposed at an angle with respect to those of the adjoining series and separated from each other to form additional book-compartments, as shown; a top board placed upon the stack of boxes, and rods connecting the top board and rotatable supporting-base to clamp the boxes between them.

School Board Journal

Book Reviews.

SCIENTIFIC SEWING AND GARMENT CUTTING. For use in Schools and in the Home. By Antoinette Van Hoesen Wakeman and Louise M. Heller. 154 pages, with illustrations. Published by Silver, Burdett & Co., New York, Boston, Chicago.

This is an attempt to systematize the instruction in this department of work.

The work is to continue through the eight grades of the schools, and includes the study of materials, implements and conveniences, patterns and various articles to be made. To make the instruction definite, sets of questions with answers follow each chapter of instructions. Numerous drawings aid in the understanding of the instructions. The book can be made helpful in home instruction, as well as in school.

HAZEN'S GRADE SPELLERS. The First Book of Word and Sentence Work or Easy Steps in Spelling. By M. W. Hazen, M.A. 96 pages. Price 20 cents. Published by Ginn & Co., Boston, New York, Chicago.

This speller is gotten up on the idea that primary pupils are entitled to have as carefully prepared books as the highest grade. We have here work for two years arranged by months. The names of familiar things are to be impressed on the pupil's mind; the form of the word is associated with the picture of the object. Words of similar sound are in classes. These are used in reading and copying lessons, until the learner is familiar with them, and can recognize the sound by markings. It is a successful effort to simplify a not very easy subject.

THE SIGHT READER. Supplemental Reading for Beginners Prepared by Expert Teachers. 80 pages, with numerous full-page half-tone illustrations. Published by Butler, Sheldon & Co., New York, Philadelphia, Chicago.

Young learners get tired of reading the same old story, the lessons that have been assigned for study. Let them try their skill in reading at sight something new and fresh. Let them originate from suggestive pictures. This is the purpose of this little book to be used in connection with the Progressive Course in Reading.

THE STORY OF THE FISHES. By James Newton Baskett, M.A., Author of "The Story of the Birds," etc. 297 pages. Price 75 cents. Published by D. Appleton & Co., New York, Chicago.

An introduction by Dr. Wm. T. Harris sets forth the purposes of books of this kind. The new education takes two directions; one in the line of original observations, studying things themselves in nature; the other, by means of supplementary and home reading books to gather up information in natural history, physics, history, literature and art. This is a manifold extension course, and if properly conducted by judicious teachers will lead to great results in the promotion of general intelligence.

The common and the strange forms of life in the seas are presented in a popular, and to some extent, in a scientific way. The habits of the fishes, great and small, are told in a style that cannot fail to interest. The illustrations are excellent, and the whole make-up of the book is of the best.

SCHOOL HYGIENE. By Ludwig Kotelman, Ph.D., M.D. Translated by John A. Bergstrom, Ph.D., and Edward Conradi, M.A., Indiana University. Cloth, 391 pages. Price \$1.50. Published by C. W. Bardeen, Syracuse, N. Y.

The author is an eminent medical authority. He has made a specialty of the subject here treated.

Very early in Germany was attention directed to athletic sports as a means of promoting physical development in the schools. The revival of the games of ancient Greece was advocated by eminent scholars. Comenius favored the out-door study of nature. The interest in school hygiene has been increasing. The subject is treated by the author in all its phases—light, ventilation, heating, furniture; effects on the eye, the ear and the vocal organs; infectious diseases, hereditary tendencies and related subjects. A vast amount of information on all these subjects is arranged in a form convenient for reference by teachers and school officers. Many drawings are used to illustrate some of the subjects, and many books are referred to for special investigation.

REPRESENTATIVE POEMS OF ROBERT BURNS. With Carlyle's Essay on Burns. Edited with Introduction, Notes and Vocabulary, by Charles Lane Hanson, Instructor in English in the Mechanic Arts High School, Boston. 84 pages. Published by Ginn & Co., Boston, New York, Chicago.

Familiarity with the best is the thought that has determined this selection. The Cotter's Saturday Night, Tam O'Shanter. The Two Dogs, A Man's a Man for a' That, and others that are household words wherever the English language is spoken. The running comments of the editor on the character and merits of the poems, and the circumstances under which they were written, add much to the interest in the poems themselves. Carlyle's essay is the truest exposition of the poet's life and genius yet given to the world; we see here all the phases of his character and all the conditions of his life. It is a handy volume.

STORIES FROM FROISSART. By Henry Newbolt, Author of "Admirals All," "The Island Race," etc. Illustrated, 368 pages. Price \$1.50. Published by the Macmillan Co., New York, Chicago. (For sale at Des Forges & Co., Milwaukee, Wis.)

Froissart was the historian of the first part of the hundred years' war. He was born in 1338, the year the war began. The stirring events that were taking place in his youth awakened his keen interest, "especially since the great battle of Poictiers, as before that time I was but of a young age of understanding. Howbeit I took it on me, as soon as I came of age to recite the above wars, and have the same compiled into English as I had written it." There is a wonderful charm in the simple style of his narrative. The book is made up of selected portions from the history. These are made all the more interesting by frank characterizations of prominent persons, personal incidents and deeds of heroism, not overdrawn, but vividly described. The many illustrations are copies of quaint old paintings. The book has an illuminated cover, and is in every way admirably made.

THE PRIMARY SPELLER. Designed for Use in Public and Private Schools. By Martin G. Benedict, A.M., Ph.D., Professor of Pedagogy in the Pennsylvania State College. 91 pages. Published by R. L. Myers & Co., Harrisburg, Pa.

BENEDICT'S ADVANCED SPELLER. Designed for Use in Public and Private Schools. By Martin G. Benedict, A.M., Ph.D., Professor of Pedagogy in the Pennsylvania State College. 168 pages. Published by R. L. Myers & Co., Harrisburg, Pa.

It is said that college entrance examinations and other written texts prove that people generally are not as good spellers now as they were a generation ago. There is little logic in the spelling of English. There are not many rules that are of much worth. Words must be learned one by one. In these books words are classified to some extent. Enough words are marked diacritically to insure an understanding of the system of marking. Dictation exercises lead to a correct use of words. There is a great variety in the exercises, making the books really interesting, instead of a dry, meaningless study. Carefully studied words are interesting things. The habit of referring to a dictionary is one of the best things that can be taught in the schools.

STANDARD ENGLISH POEMS. Spenser to Tennyson. Selected and Edited by Henry S. Pancoast. 749 pages. Price \$1.50 net. Published by Henry Holt & Co., New York, Chicago.

From Chevys Chase to Kipling's Recessional, we have the choicest poetry the language affords. More than seventy writers are represented. There are numerous selections from the best known, and some choice things from many who are little known. It is an introduction to the wide field of English poetry by one who knows the field, perhaps, as well as any other American. The field is wider than most of us suppose. Copious notes tell us something of the writers and their works, and lead us to an appreciative study of them.

OIDV'S METAMORPHOSES WITH OVID'S AUTOBIOGRAPHY. The First and Second Books. School Classics. Edited for the Use of Schools, by William T. Peck, D.Sc., Principal of the Classical High School, Providence, R. I. 234 pages, with illustrations. Published by Ginn & Co., Boston.

This little classic has some things to commend it; good type, excellent maps, fine vocabulary, and fairly judicious notes. The selections are well chosen, high praise, indeed, when we remember that the cultured Roman gentleman too often portrays himself in his writings as the exquisite but unblushing lover of pagan licentiousness.

If there is any fault to find with the book, it is that the editor has tried to crowd too much erudition into a small volume; a fault by no means peculiar to this edition, but common to many modern editions of the classics. Take, for instance, the remarks on meter of the poems. In the introduction we are told that the Tristia are in pentameters, and the Metamorphoses in hexameters. So far, so good. But when the editor begins to explain the doctrine of these meters, and actually dispatches this matter of Latin prosody in thirty-five lines, whereas the thorough treatment of this subject would be not only welcome, but even expected in a good Latin grammar, we are amazed and cry out, "Cui Bono."

PLANT STRUCTURES. A SECOND BOOK OF BOTANY. By John M. Coulter, A.M., Ph.D., Head of Department

of Botany, University of Chicago. Twentieth Century Text Books. 348 pages, with numerous illustrations. Published by D. Appleton & Co., New York.

In this volume Mr. Coulter not only shows that he is master of the science, but that he has the gift of rousing enthusiasm for the same in others. The work is beautifully printed and illustrated. A careful perusal of the book will convince the reader that the treatment of the subject matter is well worthy of a fine exterior. The matter is comprehensive, the explanations clear; in fact, everything is such as to recommend the book to every lover of science.

ELEMENTARY CHEMISTRY. For High Schools and Academies. By Albert L. Arey, C.E., Rochester (N. Y.) High School. 271 pages, with illustrations. Price 90 cents. Published by the Macmillan Co., New York. (For sale at Des Forges & Co., Milwaukee, Wis.)

To store the memory with facts without any regard to the conclusions or inferences to be drawn from these facts; in a word, the cultivation of the pupil's memory is too often the aim of educators. Mr. Arey's book, "Elementary Chemistry," proves that he does not belong to this class of educators. His method, as he himself says and the arrangement of his book clearly shows, is to lead the pupil to draw his own conclusions from private observations. This fact alone should recommend Mr. Arey's book. The order of the subjects treated will whet the interest of the beginner in chemistry. The experiments are good, and yet do not require costly apparatus.

POPE'S ILIAD OF HOMER. Books I, VI, XXII, XXIV. Edited with an Introduction and Notes, by Paul Shorey, Ph.D., Professor in the University of Chicago. Heath's English Classics. 142 pages, with frontispiece of Pope. Published by D. C. Heath & Co., Boston.

This little edition contains the four books best suited to give us a glimpse of the great epic. The book is very neatly printed and has enough notes to elucidate the text and explain the allusions.

But the chief merit of the work lies in the two introductory essays on "Homer and the Iliad," and "Pope and Pope's Iliad." In these Prof. Shorey has given us models of literary criticism. They are especially valuable for class work, since they contain in condensed form all that is of most importance regarding the author and the translator of the Iliad, set forth in a clear and orderly manner with references for the more advanced student. The development and illustration of these scholarly essays will afford the teacher ample scope for as complete a study, both of Homer and Pope, as the capacity of the students will admit.

SOLID GEOMETRY. By G. A. Wentworth, Author of a Series of Text Books in Mathematics. Revised Edition. 469 pages, Illustrated. Published by Ginn & Co., Boston, New York, Chicago.

This is a revised edition of a well-known and standard text book. Some new theorems have been introduced where deemed necessary for proofs of following are represented by shaded figures instead of lines. Sections on the parabola, ellipse and hyperbola are added. Many original propositions and exercises are given. While the subject calls for vigorous study, yet all parts are made as plain as possible.

AN OUTLINE SKETCH. Psychology for Beginners. By Hiram M. Stanley, Member American Psychological Association, Author of "Evolutionary Psychology of Feeling," and "Essays on Literary Art." 44 pages. Published by the Open Court Publishing Co., Chicago.

In this little book Mr. Stanley has made a very abstruse subject clear and simple enough for the comprehension of students in secondary schools. This is, of course, what he set out to do, but when the usual text books on psychology are full of technical phraseology, confusing to the beginner, this simple presentation



Author (revising Hamlet for supplementary reading)—But, Miss Ophelia, the reference to yourself is correct.

Ophelia—Oh, but you see Shakespeare was mistaken when he said I wore a wreath of straw.

of the subject seems phenomenal. One reason that this book is so clear is that the inductive method of thought is followed. The student is asked to write out on the blank pages at the end of the book his own experiences as indicated in the text and from these he builds up his own psychology or process of thought. The arrangement is logical and the order usually followed in text books on the subject; first, the different forms of knowing—perception, memory, imagination and idealism—then feeling and will.

At the close Mr. Stanley gives a very good definition of the different phases or departments of the science. He has not dogmatically stated any theories; but where any opinions have differed, he has stated clearly and fairly all the leading ones; as, in the exposition of idea-motor action. In the first of that discussion, page 34, he has very cleverly answered Prof. James' theory that action is the result of the strongest emotion controlling us and that we act of necessity as this moves us, by showing that freedom of the will comes in and we choose, else the action would be a diagonal or combination of two motives.

In a book where the method is so good and the direction so clear and simple, it is a pity that there should be any flaws to show. We are sorry to say that Mr. Stanley's sentence structure is occasionally clumsy, as on page 16, where he says "We expect the orange to have its own taste, and not taste like an onion or potato, which is the law of uniformity in mind which is brought about by the uniformity of all nature." He has also the unfortunate western habit of misusing would and should, as, "we would be like infants," and "we would not know at tomorrow's breakfast table." It is hoped that before another edition is issued, these slips will be rectified, and so make the book perfect in its kind.

HELP FOR AMBITIOUS BOYS. By William Drysdale, Author of "The Young Reporter," etc. 439 pages, with illustrations. Published by Thos. Y. Crowell & Co., New York, Boston.

This volume contains something that is beneficial for boys to know. The boy who reads it gains information which may prove of inestimable value to him. The author imparts a fund of valuable knowledge in regard to professions and trades, showing their advantages and disadvantages and presenting many apt quotations from those who succeeded in them. Classical education and what eminent scholars say about it, art and newspaper reporting; literature and the regular army; naval and marine service; diplomacy and the field of invention; electricity and trade; astronomy and engineering; these are among the subjects treated, and treated in a vivid, sensible and delightful manner, making enjoyable as well as helpful reading for boys.

THE TREND OF THE CENTURY. By Seth Low, President of Columbia University. One vol., 12mo, 31 pages. Price 35 cents. Published by Thos. Y. Crowell & Co., New York, Boston.

This is an oration that President Low delivered before the Harvard Chapter of the Phi Beta Kappa Society in 1898. The views of such an eminent observer as Seth Low cannot help being valuable. He shows that the two influences that have made this century what it is, are the scientific spirit and the democratic spirit. He does not veil the alarm at certain tendencies, but he rings the note of courage and of hope. He believes that education of the masses of men is the only means of coping with the more complex and tremendous problems that face us in the new century.

LITTLE WANDERERS. By Margaret Warner Morley, Author of "Flowers and Their Friends," "A Few Familiar Flowers," "Bee People," etc. 107 pages, with numerous illustrations. Price 45 cents. Published by Ginn & Co., Boston, New York, Chicago.

This little volume tells about plants and flowers. It explains why plants travel, describes those that fly with plumes or down, seeds that fly with wings, seeds that fly without wings or plumes, etc. It is neatly illustrated.

FRIENDS AND HELPERS. Compiled by Sarah J. Eddy. 231 pages, with numerous illustrations. Published by Ginn & Co., Boston, New York, Chicago.

This volume is calculated to teach children to treat all living creatures with considerate kindness and to appreciate the services of man's helpers in the animal world.

It shows the ways in which animals suffer and are made miserable, and forcibly represents the wickedness of being cruel to them. The spirit of humanity is manifested throughout its pages. The illustrations have all been well selected and are in accord with the object of the book.

PITMAN'S COMMERCIAL CORRESPONDENCE IN GERMAN. Handelskorrespondenz. By Isaac Pitman & Sons, New York. 232 pages. Price 85 cents.

This volume gives numerous letters of Commercial Correspondence in German, with useful notes at the foot of each letter. It also contains a chapter on German Commercial Correspondence, a list of German Business Abbreviations, German coinage, weights, measures, etc. It is a practical guide to students at commercial schools, as well as to clerks and merchants who can make use of the German.

THE INDUCTIVE GEOGRAPHY. By Chas. W. Deane, Ph.D.,

Superintendent of Schools at Bridgeport, Conn., and Mary R. Davis, Normal Training Teacher, Institute Inspector, Specialist in Physiography. 334 pages. Price 90 cents. Published by Potter & Putnam Co., New York.

The Inductive Geography is a departure from the old-time geographies. It is 7x11 inches in size (334 pages), and is listed at the low price of 90 cents.

The maps, although not as large, actually, as those in the present geography, are sufficiently complete. Three-fourths of the minutiae on the large maps are omitted, being unimportant and uncalled for in the text. The consequence is that the maps of the Inductive stand out with greater prominence, as every part presented is of importance and a complete and strong mental picture is made on the mind of the pupil. Two maps are given of each country, a physical map in black—with gradations of shade to represent elevations, after the German method—and a political map in colors. Charts showing the distribution of animals, minerals and vegetation are given in color and explained.

The plan is, as its name indicates, inductive, and a high degree of interest is maintained in the descriptive matter. In connection with the text, a large number of map and other questions are asked throughout the book. In its presentation of physiography the authors have been successful. Talks about people, products, occupation, etc., of each country are given.

The foreign possessions of the United States are presented in a separate section. The maps of these countries are given together, shown on the same scale. The book is well printed, and handsomely illustrated with a large number of half-tone views.

This book is an advanced book of a series of two, and is intended for grammar grades. The first, or primary book, by the same authors, will be ready soon.

FOUR FAMOUS AMERICAN WRITERS. Washington Irving, Edgar Allan Poe, James Russell Lowell and Bayard Taylor. A book for young Americans, by Sherwin Cody, author of "Four American Poets," etc. 256 pages. Cloth, portraits; price, 50 cents. Published by the Werner School Book Company, New York, Boston, Chicago.

The publishers are issuing a series of volumes, each containing sketches of four Americans, eminent in some line. This is volume five in the series. The sketches are biographical and, in a general way, critical. There is evident a purpose to do exact justice to these writers. Some of them were not above the weaknesses of other men. They had their trials. Great successes did not come easily to them. Biographies are valuable only as they tell the plain truth. These sketches will interest the readers in the writings of these men—a literature quickens and strengthens the mind of the young and is refreshing to those of mature years.

THE ILIAD. Books I, VI, XXII, XXIV. Translated by William Cullen Bryant. The Riverside Literature Series. With introduction and notes. 119 pages. Price, single copies, 15 cents; double copies, 30 cents. Published by Houghton, Mifflin & Company, New York, Boston, Chicago.

Bryant's is generally regarded one of the best translations of the Iliad. Selected portions such as are given here for reading in the schools, will awaken an interest in this greatest of the epic poems.

CHILD LIFE IN COLONIAL DAYS. By Alice Morse Earle. 8vo, cloth, 418 pages. Price, \$2.50. Published by the Macmillan Company, New York.

The author is the writer of Home Life in Colonial Days, and other domestic and social histories of olden times. She has been exploring a wide and interesting field. She has searched through old libraries and rummaged the garrets of old mansions and has brought forth treasures strange and curious. She has brought before us old times restored.

In this volume she brings in the children. She tells of their babyhood, their dress, school life, teachers, books and letters; their training and discipline, their manners and courtesy. Children were taught to be industrious. We see specimens of their wonderful needlecraft and decorative art. They had their games and pastimes, their toys and songs of folk lore. All these are presented in something of the style of the olden times. There was no photography in those days, but there were excellent painters of portraits. These are reproduced, showing the fashions of the times.

We see how children were taught. Specimens of skill in penmanship acquired under a "writing master" will compare favorably with the hand writing in the schools today. "Compositions" show clear thinking and apt expression. The training the children received developed a sturdy manhood and sensible womanhood. We read these entertaining sketches with an increased respect for our ancestors. If they had their weaknesses, their virtues are not exceeded today.

The mechanical make-up of the book, with its one hundred and thirty illustrations, its quality of material and style of printing, is not often excelled.

CICERO'S ORATIONS. Eleven of Cicero's Orations, with Introduction, Notes and Vocabulary, by Robert W. Tunstall, Principal of the Norfolk Academy. Gilder-sleeve-Lodge Latin Series. 585 pages, with illustrations. Published by the University Publishing Company, New York, Boston, New Orleans.

An introduction gives a good idea of Roman government in Cicero's time and all that is essential concerning his life and works. Eleven orations are given, the Ninth Philippic being intended for practice in sight reading. The notes are judicious. The vocabulary is especially full and helpful in the use of English synonyms. A distinctive feature is the frequent breaking of the text in order to present in inserted paragraphs the successive points in the argument of the speaker. There are lists of sample questions for examinations, references to four leading grammars, and an appendix for reference on historical matters. The work of the publishers has been admirably done, and the book has an exceptionally attractive appearance.

HISTORY OF THE UNITED STATES. By Alma Holman Burton, Author of "The Story of Our Country," "From American Patriots," "Lafayette, the Friend of American Liberty," "Massasoit," etc. 423 pages. Published by Eaton & Co., Chicago.

When there are so many school histories it would seem no easy task to write a new one with many distinctive features. Yet we find some here. The book was written because the writer was interested in the subject and hoped to make it interesting to others. The text is not loaded down with dates. These are given very conveniently in marginal notes. The history is arranged in six epochs, logically as the author looks at the character of events. Events of epochs are arranged in tables for reference and reviews. There are lists of books on special topics as a guide in more extended study. Some of the illustrations are poor, some of our statesmen and generals would hardly recognize themselves as pictured here.

EXERCISES IN MIND READING, IN QUICKNESS OF PERCEPTION, CONCENTRATED ATTENTION, AND MEMORY. By Catherine Aiken, Author of "Methods of Mind Training." 112 pages, 8vo, cloth. Price \$1, by mail \$1.08. Published by Harper & Brothers, New York.

Those who are familiar with Miss Aiken's Methods of Mind Training will understand at once the plan of this book of exercises to accompany the methods. Miss Aiken's methods are based upon the sound psychological principles, that accuracy of memory depends upon vividness of perception, and that perception depends upon concentration of attention. These exercises are to promote quickness of perception by showing the object to be memorized only once and for a very few minutes, so that if the object is perceived at all, concentration is necessary. This form of exercise is given for the ear as well as for the eyes. In mental arithmetic the exercises are not essentially different from those in the ordinary text books. Many of us can testify to the mind developing results of these mental arithmetic problems in our own early experience. Miss Aiken's method of memorizing by means of subject and predicate is also excellent, particularly as it calls the attention to the essential parts of the sentence. In both these exercises some exercise of the judgment is necessary, and so they make a better discipline than the exercises for perception alone.

The exercise in association or simple suggestion is good as far as it goes, and might be carried further to suggestion of similarity in qualities between objects—a form of association used very frequently in similes and metaphor.

Part II is filled with exercises in geography, geometry and history, whose object is "to awaken interest in the study, to concentrate the attention, to assist the memory, and to economize time in preparing the lesson." While the object as just stated is good, I doubt if the exercises themselves are fitted to promote these objects. First, I doubt if they would awaken interest. In history, I am sure, unless the student had done a great deal of reading and wished to classify his knowledge, his interest would be deadened. A string of names and dates without stories or incidents connected with them will not arouse a child's interest. The only interest aroused would be that of seeing who could first learn the names, regardless of meaning, and that would be extraneous to true history.

In all education there should be two aims: the giving of instruction, and the development of the mind. The second is by all odds the most important. Miss Aiken's book emphasizes the second and important aim, and gives set exercises by which, she thinks, this end can be attained. It is rather a sad commentary upon our public school methods and teachers that a set of exercises whose sole aim is to emphasize this point should be necessary. That it is necessary is shown; first, by the publication of this book, the second of a series, and, second, by the large number of pupils entering our secondary schools who are not disciplined in mind, but partly crammed with bare facts. Their memory may be cultivated after a fashion; but they lack in quickness and accuracy of perception and of judgment on matters within their mental comprehension. While this is a general condition, it is not universal; for in every entering class there are groups of pupils who are all that could be desired in these particulars. This shows that there are teachers who, even without Miss Aiken's exercises, know how to develop the mind of a child. Yet so long as there are inefficient teachers, and many of them in our schools, may be well to circulate this book or similar ones, until all become impressed with the idea that mind training, not mind stuffing, is the province of a teacher.

School Board Journal



H. D. Newson, of Silver, Burdett & Co., New York, returned last month from a trip to Cuba.

Harry M. Trask, manager of Silver, Burdett & Co.'s Philadelphia office, was seriously ill last month. He is on the road to recovery.

W. L. Lemon, who represented the Harper interests in Texas, has been engaged to represent Scott, Foresman & Co. in Iowa.

Harry M. Echlin has retired as manager of D. Appleton & Co., Chicago, to represent the New York Life Insurance Co. in the East.

Jonathan Piper, the veteran bookman, crawled out of his hermitage at Honey Creek, Wis., last month and made his appearance at the Superintendents meeting at Chicago. He was warmly welcomed and several of his admirers, who noted the fringe of gray beard he had grown under his chin, likened him to Oom Paul.

At the meeting of the Department of Superintendents N. E. A. held at Chicago last month, the following bookmen were present:

American Book Company: Chas. J. Barnes Mgr., Chicago; C. C. Birchard, New York City; Maj. A. W. Clancy, L. M. Dillman, Asst. Mgr. Chicago; Jas. E. Dorland, Louisville, Ky.; J. M. Eppstein, John C. Ellis, Chicago; Frank A. Fitzpatrick, Mgr. Boston; S. O. Goho, Harrisburg, Penn.; J. A. Greene, Manager, New York City; Jonathan Piper, Honey Creek Wis.; S. B. Todd, Milwaukee, Wis.; J. W. Walker, Indianapolis, Ind.; Harry G. Wilson, Chicago; W. S. Shearer, Des Moines, Ia.; C. E. Lane, Chicago, Ill.; Gillespie K. Lyons, Toledo, O.; J. D. Matlock, Birmingham, Ala.; J. R. Fortney, Cincinnati; V. L. Wilson, Ottumwa, Ia.; C. T. McCoy, Lancaster, O.; T. J. Hassett, St. Louis, Mo.; W. H. Stoner, Des Moines, Ia.; W. S. White, Grand Rapids, Mich.; Geo. S. Wedgewood, Omaha; J. B. Blazer, Wichita, Kan.; A. F. Porter, Cincinnati; Jas. C. Lockhill, Chicago.

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Butler, Sheldon & Co.: E. H. Butler, New York City; Alexander Forbes, Western Mgr., Chicago; C. E. Brown, Madison, Wis.; A. L. McLaughlin, Harry Helmer, J. N. Hunt, Chicago; W. H. Mihills, Cedar Rapids, Ia.; R. W. Cranston, Minneapolis; Edw. Raven-Byrne, Chicago; John A. Forbes, Chicago.

Allan & Bacon: Frank D. Farr, Paul V. Bacon, Carl E. Bacon, Rich, Metcalf, Chicago; Frank A. Preston, Indianapolis.

Werner School Book Company: W. J. Button, Mgr., Chicago; J. C. Thomas, Secretary, Chicago; J. H. Pugh, General Agent, Chicago; C. H. Pugh, Chicago; Otto Focht, Lincoln, Neb.; J. M. Stradling, New York; G. W. Libby, Boston; S. S. Beggs, Lansing Mich.; A. H. Peter, Milwaukee, Wis.; S. S. Beggs, Lansing, Mich.

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Ex 618 The Shepherdess.	Lerolle.
Ex 619 By the River.	Lerolle.

Dr. G. Stanley Hall, contributes a series of four articles on "The Ministry of Pictures" to

The Perry Magazine

beginning with the February issue. Single copies of the Magazine 15 cents. \$1.0

School Board Journal

Milton Bradley Company's New Branch House.

Milton-Bradley Co., of Springfield, Mass., the largest manufacturers of kindergarten material in the world, have just opened a branch house in San Francisco. It will be under the management of Mr. H. O. Palen, who has long had charge of the company's store in Kansas City, and is thoroughly familiar with all branches of the business, which is one of almost infinite detail.

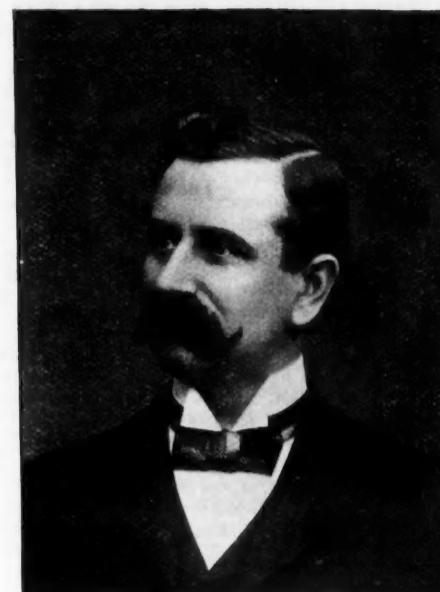
The object of establishing the house in San Francisco is to supply customers in the Pacific and mountain states with the products of the company's factory, more quickly and satisfactorily than it could be done in any other way. By carrying a large stock of the various lines of goods, Mr. Palen and his assistants will be able to serve their friends in this region as promptly as those nearer the home office are served. Mail orders will be filled, as a usual thing, the day they are received.

The kindergarten, as an institution, is having a rapid growth throughout all parts of the country. Most of the large cities have adopted it as a part of the public school system, and private kindergartens or free kindergartens are springing up everywhere.

This movement is one of the most important educational departures of the century. Besides the direct benefit to the young children, the kindergarten spirit is so permeating the other grades of school, even to the highest, that a radical change for the better is going on in all educational circles. Some advanced observers believe that the kindergarten is conferring its greatest blessing in thus influencing all other departments of learning.

Mr. Milton Bradley early saw the beauties and possibilities of the kindergarten system, and his company began the manufacture of material on a small scale more than thirty years ago, publishing in 1868 "The Paradise of Childhood," the first illustrated kindergarten guide printed in the English language. The work was prosecuted on faith for many years, but it finally began to increase more rapidly, and now it constitutes, in itself alone, a large and flourishing business.

The company have branch houses or agents in all the largest centers of population, and supply the kindergartens of New York, Boston, Phila-



H. O. PALEN.
Manager of the new Pacific Coast Branch of the
Milton Bradley Company.

delphia, Chicago, Washington and many other cities.

In connection with this branch of their business, Milton Bradley Co. have developed a system of color instruction, which begins with the use of educational colored papers and has its logical completion in a line of water colors, to the manufacture and sale of which the company are now giving special attention. These colors are made in imitation of the six spectrum standards, upon which the Bradley color scheme is based, namely, red, orange, yellow, green, blue and violet.

This fact makes these water colors peculiarly appropriate for children who have passed through the kindergarten, and it is not strange that the company are having great success in their introduction. They are made in three forms, dry, semi-moist and moist and put up in a variety of styles.

Another department in the company's business is the manufacture of an extensive line of school aids, designed chiefly for the use of primary teachers. They publish, also, a goodly number of excellent books for mothers, kinder-

gartners and teachers, including one by Emilie Pousson, called "In the Child's World," one of the best books of children's stories in the language.

But the business of Milton Bradley is not confined to strictly educational lines. They have enjoyed for many years an enjoyable reputation as manufacturers of games, toys and home amusements.

This department is constantly increasing and includes now some of the most popular games in the market.

Another important item is a line of superior card and paper cutters, sold in large numbers in all parts of the country. The cutters are in five sizes, retailing from \$25 down to \$1.25, the small sizes being very popular for trimming photographs and other light but necessary work.

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Stillwater, Okla. Two Smith Premier typewriters have been purchased by the Oklahoma Agricultural and Mechanical College.

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Books Received.

Physiology Illustrated by Experiment, by Buel P. Colton, A. M., author of "Physiology, Experimental and Descriptive," "Practical Zoology;" and professor of Natural Science in the Illinois State Normal University. 386 pages, price, 90 cents. Published by D. C. Heath & Company, Boston.

Authors' Birthdays. Third Series. Containing exercises for the celebration of the birthdays of Franklin, Curtis, Whipple, D. G. Mitchell, Prescott, Celia Thaxter, Stoddard, Bret Harte, Theodore Winthrop, Stedman, Mark Twain, Higginson, by C. W. Bardeen, Editor of The School Bulletin. 367 pages, price, \$1.00. Published by C. W. Bardeen, Syracuse, N. Y.

School Sanitation and Decoration. A Practical Study of Health and Beauty in their Relations to the Public Schools, by Severance Burrage, B. S., professor of sanitary engineering in Purdue University and member of the American Public Health Association and Henry Turner Bailey, State Supervisor of Drawing, Massachusetts. 179 pages, price, \$1.50. With numerous illustrations. Published by D. C. Heath & Company, New York, Boston, Chicago.

High Stakes, by Lawrence L. Lynch. (E. Murdoch Van Deventer), author of "The Last Stroke," "The Lost Witness," etc. 368 pages. Illustrated. Published by Laird & Lee, Chicago.

Rational Writing Books. Rapid Vertical Penmanship. Books I, II, III, IV, V, VI. Published by the Werner School Book Company, Chicago, New York, Boston.

The House That Jill Built, After Jack's Had Proved a Failure. A book on home architecture, with illustrations, by E. C. Gardner, author of "Homes and How to Make Them." 268 pages, price, \$1.00. Published by W. F. Adams Company, Springfield, Mass.

Picture Study in Elementary Schools. A manual for teachers, by L. L. W. Wilson, author of "Nature Study in Elementary Schools," etc. Part I primary grades, 238 pages, with numerous illustrations, price, 90 cents. Part II grammar grades, 190 pages, with many illustrations, price, 90 cents. Published by the Macmillan Company, New York. For sale at Des Forges & Company, Milwaukee, Wis.

Scott's Talisman. Edited with an introduction by Julia M. Dewey, late superintendent of schools, North Adams, Mass. Cloth, 12mo, 304 pages. Price, 50 cents. Published by the American Book Company, New York, Cincinnati, Chicago.

A Rational Grammar of the English Language, by W. B. Powell, A. M., superintendent of public schools, Washington, D. C., and Louise Connolly, M. S. Cloth 12mo, 320 pages. Price, 60 cents. Published by the American Book Company, New York Cincinnati, Chicago.

Beowulf: The Hero of the Anglo-Saxons, by Zenaide A. Ragozin, member of the American Oriental Society, etc. Author of "History of the World," etc. Illustra-

ed by George T. Toblin. 332 pages, postpaid, price, \$1.50. Published by William Beverley Harison, New York.

A New French Course. Comprising the essentials of the grammar with a series of illustrated coversation in Paris. By Edwin F. Bacon, Ph.D. Cloth, flexible, 12mo, 315 pages. Price, \$1.00. Published by the American Book Company, New York, Cincinnati, Chicago.

South America. Cincin-graphical reader. By Frank G. Carpenter, author of "North America" and "Asia." Cloth, 12mo, 352 pages, illustrated. Price, 60 cents. Published by the American Book Company, New York Cincinnati, Chicago.

The Vision of Sir Launfal and other Poems, by James Russell Lowell. Edited with notes and introduction by Herbert Bates, Teacher of English, Manual Training High School, Brooklyn, N. Y. 126 pages, with engravings of the author. Published by the Macmillan Company, New York. Price, 25 cents. For sale at Des Forges & Co., Milwaukee, Wis.

Handbook of Domestic Science and Household Arts, for use in elementary schools. A manual for teachers, with a preface by Mrs. Ellen H. Richards of the Massachusetts Institute of Technology and with chapters contributed by other well known specialists. Edited by Lucy Langdon Williams Wilson, Ph.D., of the Philadelphia Normal School. 407 pages, illustrated. Price, \$1. Published by the Macmillan Company, New York. For sale by Des Forges & Company, Milwaukee, Wis.

The Nature and Work of Plants. An introduction to the study of Botany, by Daniel Trembley MacDougal, Ph.D., director of the laboratories, New York Botanical Gardens. 218 pages, price, 80 cents. Published by the Macmillan Company, New York. For sale at Des Forges & Company, Milwaukee, Wis.

The Nervous System of the Child. Its growth and health in education, by Francis Warner, M. D. (London). Physician to and Lecturer at the London Hospital, etc. Author of "The Study of Children and their School Training," etc. 233 pages, price, \$1.00. Published by The Macmillan Company, New York. For sale at Des Forges & Company, Milwaukee, Wis.

Picture study in elementary schools, by L. L. W. Wilson, Ph.D., author of "Picture Study in Elementary Schools"; etc. Pupil's Book I for primary grades, 120 pages, with many illustrations. Pupil's Book II for grammar grades, 96 pages, with numerous illustrations. Price of each 35 cents. Published by The Macmillan Company, New York. For sale at Des Forges & Co., Milwaukee, Wis.

College requirements in English Entrance Examinations. June Examination papers of Harvard, Yale, the Sheffield Scientific School, Princeton, and Columbia, from 1895 to 1899, inclusive, by Rev. Arthur Wenworth Eaton, B. A., Instructor in English literature in the Cutler school, New York. Third series. 64 pages. Published by Ginn & Company, Boston. Price, 80 cents.

Stories from the Arabian Nights. Selected by Adam Singleton, edited by William T. Harris, A. M., LL.D., United States Commissioner of Education. Appleton's Home Reading Books. 248 pages, with numerous illustrations. Price, 65 cents. Published by D. Appleton & Company, New York.

Silas Marner, by George Eliot. Edited with an introduction and notes by Richard Jones, Ph.D., professor of literature in Vanderbilt University, and J. Rose Colby, Ph. D., professor of literature in the Illinois State Normal University. 309 pages. Price, 45 cents. Published by D. Appleton & Company, New York.

The Secondary School System of Germany, by Fred-

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erick E. Bolton, M. S., Ph. D., professor of Pedagogy, State Normal School, Milwaukee, Wis. International Educational Series, Edited by William T. Harris, U. S. Commissioner of Education. 398 pages. Price, \$1.50. Published by D. Appleton & Company, New York.

Sigwalt und Sigridh. A Norwegian story, by Felix Dahn. Edited with an introduction and notes by F. G. G. Schmidt, Ph. D., Professor of Modern Languages, State University of Oregon. 72 pages, price, 25 cents. Published by D. C. Heath & Company, Boston.

The Custom House and Main Street, by Nathaniel Hawthorne. With an introduction and notes. The Riverside Literature Series. 94 pages, price, 15 cents. Published by Houghton, Mifflin & Company, Boston, New York, Chicago.

Schilling's Spanish Grammar. Translated and Edited by Frederick Zagel. 340 pages. Published by Cassell & Company, New York.

The Practical Speller for Higher Grades. Designed to present as nearly as possible in the Natural order of acquisition the words required in the work of the grammar and high school, and to lead the pupil to a clear understanding of the common usage of capital letters and of punctuation marks, by William C. Jacobs, Ph. D., assistant superintendent of schools, Philadelphia. 132 pages. Published by Ginn & Company, Boston. Price, 30 cents.

Who Ought To Win? Oom Paul or Queen Victoria? A history of the Dutch-English Settlement in South Africa from its origin to the present day. With letters graphically describing the wonderful bravery of the Boer and British Armies, by Spencer Randolph. Map, portraits and illustrations. 286 pages. Published by Laird & Lee, Chicago.

Doorstep Acquaintance and Other Sketches, by William D. Howells. With a biographical introduction and notes. The Riverside Literature Series. 92 pages. Price, 15 cents. Published by Houghton, Mifflin & Company, Boston, New York, Chicago.

The Wooster Primary for Grades I and II. Compiled by Lizzie E. Wooster. 112 pages. Published by Crane & Company, Topeka, Kan.

Magazines Received.

Harper's Magazine for March. Published by Harper & Brothers, New York. Price, 35 cents.

Century Magazine for March. Published by the Century Company, New York City. Price, 35 cents.

Scribner's Magazine for March. Published by Chas. Scribner's Sons, New York. Price, 35 cents.

Cosmopolitan for March. Published by John Brisben Walker. Published by the Cosmopolitan Company. Price, 10 cents.

Forum for March. Edited by J. M. Rice. Published by the Cosmopolitan Company. Price, 35 cents.

American Monthly Review of Reviews for March. Edited by Albert Shaw. Published by The Review of Reviews Company, New York. Price, 25 cents.

Atlantic Monthly for March. Published by Houghton, Mifflin & Company, New York. Price, 35 cents.

Arena for March. Published by The Arena Publishing Company, Boston. Price, 25 cents.

Lippincott's Monthly for March. Published by J. B. Lippincott Company, Philadelphia. Price, 25 cents.

Kindergarten Review for March. Published by Milton-Bradley Company, Springfield, Mass. Price, 20 cents.

The Nickell for March. Published by the Nickell Magazine Company, Boston. Price, 5 cents.

Designer for March. Published by The Standard Fashion Company, New York. Price, 10 cents.

Dramatic Magazine for March. Published by The Dramatic Magazine Press, 356 Dearborn street, Chicago. Price, 25 cents.

Gunter's Magazine for March. Published by the Gunton Company, Union Square, New York. Price, 25 cents.

SOME NEW LATIN BOOKS.

SELECTIONS FROM OVID. By JAMES N. ANDERSON, M. A., Ph.D., author of "On the Sources of Ovid's *Heroides*." In two parts: I. Selections from the *Metamorphoses*; II. From the other works of Ovid. Judicious and helpful commentary. Vocabulary. x-258 pages Price, \$1.00.

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The sprinkling is done by means of a spray producer. When all is in readiness in the room, the disinfector ties a damp towel over his mouth and nose, and, beginning with the sheet farthest from the door of exit, rapidly sprinkles his way out. The evolution of the gas is so rapid that the air becomes irrespirable in about three minutes, so that quick action is necessary. The operator is provided with rubber gloves to protect the hands and wrists from the spray.

The room is left closed not less than five hours, after which it is opened up as freely as possible to light and air; all woodwork is well scrubbed with soap and hot water or with the mercuric-chloride solution; and the furniture and other objects thoroughly wiped off with cloths dampened with dilute formalin.

A Plea for a Universal System of Shorthand.

By DR. A. H. MACKAY,

SUPERINTENDENT OF EDUCATION, PROVINCE OF NOVA SCOTIA, CANADA.

I have had a practical acquaintance with the Pitman system of shorthand for a number of years, and having examined quite a number of other systems, I am inclined to think that it is my duty to recommend the Isaac Pitman phonography for this province. It appears to me that there is an advantage in this system over any of the others when all the points are considered; and what is perhaps of more importance, the Isaac Pitman system appears to be more universally used. For public school purposes—and ultimately for all purposes except for the purpose of cypher writing—it is as important to have one generally recognized system of shorthand writing as it is to have one language. I have often had occasion to express my sorrow that so many different systems are taken up here, each teacher having his own small coterie of pupils who can read no other stenographer's writing, and whose writing can be read by no other stenographer. It is the Babel of writing, and is the next greatest calamity to the Babel of language. As the Isaac Pitman system is the most universal in Great Britain and the Empire, as well as in the United States, I am desirous that our Canadian pupils should cultivate the universal system alone. When people can correspond with every one in the same system, phonography will spontaneously take the place of longhand and will be written with the same unconscious ease. That is why I say that it is the duty of all to gravitate to the only system which has a chance of becoming the universal one. I would feel very sorry to appear to repress the free rivalry of other systems; but when I feel that they have as a rule—the best of them—been all derived from the invention of Isaac Pitman, or suggested by his success, and that they are leading thousands to spend time, money and effort in mastering a system which will well enough enable them to take notes from dictation for conversion by themselves into type-written form, but which will still not enable them to conduct their general correspondence in the universal system, or enable their notes to be utilized by others in emergencies which are continually occurring—when I feel all this, I feel more angry with these pen-confusers than sorry for them.

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But surgical operations are dangerous to life and, moreover, are often unsuccessful and at this time are no longer used by the best physicians nor recommended by them.

The safest and surest way to cure any case of piles, whether itching, bleeding or protruding, is to use the Pyramid Pile Cure, composed of vegetable oils and acids, healing and soothing to the inflamed parts, and containing no opium or other narcotic.

Dr. Williams, a prominent official surgeon, says: "It is the duty of every surgeon to avoid an operation if possible to cure in any other way, and after many trials with the Pyramid Pile Cure I unhesitatingly recommend it in preference to an operation.

The harmless acids and oils contained in it cause the blood vessels to contract to a natural condition and the tumors are absorbed and the cure is made without pain, inconvenience or detention from business.

In bleeding and itching piles the Pyramid is equally valuable."

In some cases a single package of the Pyramid has cured long standing cases; being in suppository form it is always ready to use, can be carried in the pocket when traveling; it is applied at night and does not interfere with the daily occupation.

The Pyramid Pile Cure is not only the safest and surest remedy for piles, but is the best known and most popular from Maine to California. Every physician and druggist knows it and what it will do.

The Pyramid Pile Cure can be found at all drug stores at 59 cents for full sized treatment.

A little book on cause and cure of piles mailed free by addressing the Pyramid Drug Co., Marshall, Mich.

The Scranton school is a marvelous combination of system. The enormous class which it teaches daily by mail, and which is scattered throughout the length and breadth of the United States, receives close and careful attention with the most gratifying results.

French Without a Master	DMcK
Complayre's His. of DCH&Co	
Heath's Pedagogical Library	"
Hall's How to Teach History	"
Barnett's Teaching and Organization	LG&Co
Garlick's Manual of Methods	"
Beale's Work & Play	"
Salmon's Art of Teach	MCo
Hallech's Ed. Nerv. Sys.	"
Arnold's Mistakes in Teach	"
Page's	"

Penmanship.

Barnes' Vertical	ABC
Spencerian Series	"
Curtis' Semi-Vertical	"
Roudebush Writing	CSS
Longman's New Copy Books	LG&Co

Merrill's Vertical	MM&Co
New Cent. Intermedia	MCo
Sheldon's Vertical	S&Co
Duntonian	TB&Co
University Series	UPCo

Simplified Penmanship	"
Economic System of Penmanship	"
Penmanship, 6 Nos.	PPCo
Potter & Putnam's System of Vertical Writing, 10 Nos.	"
Natural System of Vertical	DCH&Co

Newland & Rowe's Ver Pen Written Copies	W&R
Ellsworth's	WSBC

Logic.

Bain's	ABC
Day's	"

Day's Elements of	ABC
Schuylar's Prin. of	"
Mill's System	DA&Co
Davis' Series	H&Bros
Bowne's Series	"
Mills' System	LG&Co

Phonetic Reader	
C. W. Dean's	MCo
Riley's New Phonic Primer	PPCo
Physics or Natural Philosophy	
Appleton's School	ABC

Cooley's Series	"
Steele's Popular	"
Trowbridge's New	"
Britton's	CSS
Well's Nat. Phil.	"

Grant's	"
Dana's	"
Mills'	"
Storer's	"
Thompson's	"

Deschanel's N. Phil.	DA&Co
Dolbear's First Prim.	G&Co
Wentworth & Hill's	"
Hopkins' Preparatory	LG&Co
Watson's Practical	"

Wright's	"
Glazebrook & Shaw's Practical	"
Balfour-Stewart's	MacCo
Nichols'	"
Shaw's	MM&Co

Avery's	BS&Co
Grifford's Elements	TR&Co
Chute's Lab. Man.	DCH&Co
Whiting's Physical Measurement	"
Bailey's Ele. Physics	"

Longman's "Ship" Lit.	LG&Co
Supplmt. Fairy	"
Infant Fairy	"
" Ship" Historicl	"

Overton's Series	ABC
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Cyr Series	G&Co
Collard's	MM&Co
Baldwin's	AHCo
Harper Series	"
Swinton Series	"

Barnett's Making of the Body	LG&Co
Blaisdell's	G&Co
Ferneaux's Phys.	LG&Co
Thornton's Phys.	"
Hutchison's Series	MM&Co

Willard & Smith Stand.	MCo
Easy Exp. in	MCo
Foster & Shors'	MacCo
Gifford's Elementary	TB&Co
Dunlison's	WSBCo

Colton's	DCH&Co
" Briefe	"
Wake-Robin Series of Biography, 3 Vols.	PPCo
Stories of Starland	"
Heart of Oak	DCH&Co

Bass'	"
Wright's Seaside and Wayside	"
Shorthand	
Isaac Pitman's Comp.	IP&S
Instructor	"

KING'S VERTICAL PENS...

IN FOUR NUMBERS, 1, 2, 3, 4.

HAVE NO EQUAL.—SEND FOR SAMPLES AND PRICES.
ONCE USED—ALWAYS USED.

GEO. F. KING & CO..
DEALERS IN SCHOOL SUPPLIES.
38 Hawley Street, BOSTON.

Supplies and Equipments.

Raphael Tuck & Sons Co. are now located at 122-124 Fifth avenue, New York. The new premises afford increased facilities which will enable them to give most efficient service, and the firm has announced that it proposes to do so.

Milwaukee, Wis. Purchases of supplies has been made during the past month as follows: Armour & Co., soap and washing soda; Rohde Kindergarten Supply Co., kindergarten material; Alfred L. Robbins Co., dissecting microscopes, etc.; Queen & Co., laboratory supplies; the Charles Co., paints.

Utica, N. Y. Bids for blackboard contract received as follows: Prices per square foot for 3½ and 4 foot widths—Leavenworth & Meyer, Syracuse; Alcott & Co., Chicago, and Emack, Philadelphia, 15@16c; George & Griffith, Utica, 18@19c.

Rock Island, Ill. Apparatus for the high school purchased from the Crowell Apparatus Co.

Ithaca, N. Y. A supply of ink wells procured from Randolph McNutt.

Galesburg, Ill. A Smith Premier typewriter has been purchased for use in the high school.

Eldora, Ia. Kindergarten material ordered from Thomas Charles Co., Chicago.

Trenton, N. J. Two Smith Premier typewriters have been purchased for use in the high school.

Mansfield, O. An order for kindergarten material awarded to Milton, Bradley & Co.

Hartford, Conn. South School District has purchased a Smith-Premier typewriter.

Comeaut, O. School supplies purchased from the Caxton Co., Chicago; ink from Harry D. Kirk, Chicago.

Jefferson, O. A Smith Premier typewriter has been purchased for use in the high school.

Sacramento, Cal. The grand jury has been inspecting the school houses with a view of compelling the board of education to comply with the law passed by the last legislature, calling

for fire escapes on all school buildings of two or more stories.

St. Louis, Mo. The board has resolved to provide the children with pure water, if practicable, and instructed the commissioner of buildings to take steps to that end.

Philadelphia, Pa. The board of education has purchased six Smith Premier typewriters.

Trinidad, Col. A Smith Premier typewriter has been purchased for use in the commercial department of the high school.

Pekin, Ill. School supplies purchased from E. W. A. Rowles, Chicago.

Melrose, Mass. A Smith Premier typewriter has been purchased for use in the high school.

Peoria, Ill. Typewriting supplies procured from Wyckoff, Seamans & Benedict; science apparatus from Alfred L. Robbins Co.; supplies from Bausch & Lomb Optical Co.

Bangor, Me. The high school equipment has been increased by the addition of a Smith Premier typewriter.

Minneapolis, Minn. It has been decided to place one of the new nickel-in-the-slot telephones in each of the school buildings. The telephones are designed for the use of people who have legitimate business with the schools.

Salt Lake City, Utah. A No. 2 Smith Premier typewriter has been purchased for use in the University of Utah.

McKeesport, Pa. The board has let contract to A. A. Poole & Son, of Washington, Pa., for installing their system of synchronized clocks in the new high school building. The school, when completed, will cost about \$150,000. The securing of this contract is very gratifying to the Messrs. Poole because it was awarded to them by a unanimous vote over several other bidders.

Pittston, Pa. Drawing material for the schools procured from the Prang Educational Co.

Camden, N. J. The board of education has purchased three Smith Premier typewriters.

Rand, McNally & Co. have completed the revision of their several series of school maps, including the Globe series, Outline series, Columbia series, Physical series, and all the maps used on their extensive line of globes.

The Moore Manufacturing Co., of Springfield, Mo., carries a full line of globes, maps, blackboards and school supplies in general.

E. FABER.



LEAD PENCILS.

Mansfield, Pa. Two Smith Premier typewriters have been added to the equipment of the state normal school.

Niles, Mich. Kindergarten material purchased from Thomas Charles Co., and drawing material from the Prang Educational Co.

Wireless Telegraphy for Schools.

Those who have been interested in recent experiments in wireless telegraphy have doubtless been impressed with the value of the invention and the great possibilities which the new method of communication has in store for it.

On the other hand, the new system has seemed so complicated as it has appeared in the daily press and in popular magazines that it has been difficult for the "lay reader" to obtain definite and exact information concerning it.

It is gratifying to know, however, that the L. E. Knott Apparatus Co., of Boston, have succeeded in offering for the trifling sum of \$6.00 an instrument both simple in construction, but, as we are informed, successful in operation. The simplicity and neatness of the instrument will appeal to those who are interested in presenting this subject to classes of college or secondary school grade.

A MESSAGE TO SCHOOL BOARD OFFICIALS:

You can ESCAPE paying us any money by NOT adopting the

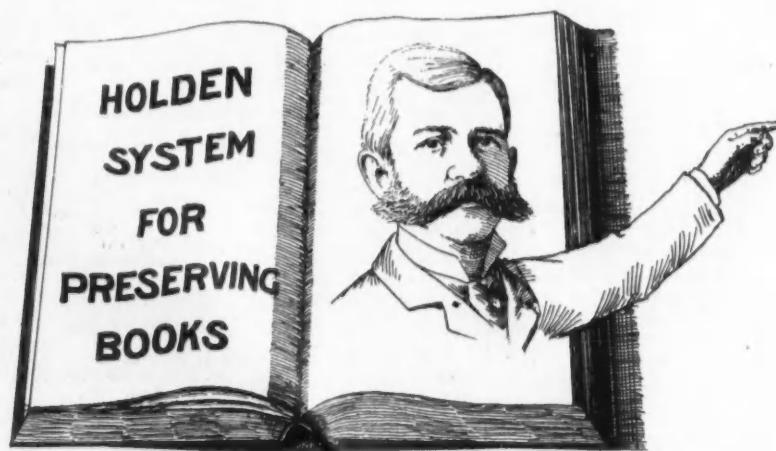
"HOLDEN SYSTEM OF PRESERVING BOOKS."

But you Cannot Escape the Daily Wear, Tear and Destruction of the Text Book.

3 per cent. of the average value of the text books is all the Expense pertaining to the adoption of this system, which takes proper care of the outside and inside of the books by making them last from 40 to 60 per cent. longer.

Our claims substantiated by over 1300 School Boards from Maine to Montana. Give this System a trial in the interest of the tax payers and cleanliness.

SAMPLES FREE. P. O. BOX 643.



HOLDEN PATENT BOOK COVER CO.
SPRINGFIELD, MASS.

School Board Journal

New School Buildings.

Susanville, Cal. A new 6-room school.
 Hartford, Conn. An addition to the Wadsworth school to be made.
 Washington, D. C. A new school is nearing completion.
 Columbus, Ga. A new school according to plans prepared by T. W. Smith & Co., Architects. To cost \$30,000.
 Pontiac, Ill. A new 8-room school to be erected.
 Cerrogordo, Ill. Architect M. G. Patterson, Decatur, Ill. has prepared plans for a new 6-room school for the board. To cost \$12,000.
 Chicago, Ill. The Pullman Free School of Manual Training is to be erected at a cost of \$200,000.
 Springfield, Ill. Additions are to be made to the Hay and Dubois schools.
 Streeter, Ill. Architects Reeves & Ballie of Peoria, Ill., have plans for a new school for this city. To be 130x80 feet and two-stories.
 Shelbyville, Ill. A new school. Plans prepared by Architects Reeves & Ballie of Peoria, Ill.
 Joliet, Ill. The board has decided that another school is necessary.
 Petersburg, Ind. It has been voted to erect a new \$30,000 school.
 North Liberty, Ind. Bids for erecting new school asked.
 Metea, Ind. Contract for erecting new school awarded.
 Everly, Ia. Bids have been asked for the erection of a two-story and basement frame school house, 50x54 feet.
 Iowa City, Ia. There is talk of building two new schools. Write A. J. Hertz, secretary school board.
 Yorktown, Ia. The board is considering the erection of a new school.
 Ledyard, Ia. Bids to erect a new school have been asked.
 Salam, Kan. Plans for a new high school have been prepared.
 Ellsworth, Kan. A new school according to plans of Architect F. S. Allen, Joliet, Ill. To cost \$18,000.
 Boston, Mass. A new high school in the Charlestown district, to cost \$250,000. Wm. F. Merritt, chairman of school committee.
 Lawrence, Mass. Architect Regan has plans drawn for a twelve-room school, with clock tower, to cost \$80,000.
 South Hadley, Mass. Contract to erect the new \$20,000 school awarded. The same will be 70x72 feet.

Millsbury, Mass. A new 8-room school. To cost \$25,000.
 Aitlboro, Mass. An 8-room school is to be built on Pear Street.
 Fall River, Mass. Plans have been submitted by several architects for the proposed textile school.
 Chicopee, Mass. A \$20,000 addition is to be built to the High school.
 Milan, Mich. Architect Edw. C. Van Leyen, Detroit, Mich., has prepared plans for a new school here. To be 65x85 feet, two-stories and cost about \$16,000.
 Faribault, Minn. An addition is to be made to Bethlehem Academy, 26x48 feet, and two-stories.
 Fairmont, Minn. A new 8-room school according to plans of Architect W. T. Towner, St Paul.
 Minneapolis, Minn. A new school in the north east section of the city.
 Mapleton, Minn. The question of erecting a new high school is being agitated.
 Fairhaven, Minn. A new school to be erected at once.
 Macon, Miss. A new high school according to plans of Architects Andrew J. Bryan Co., Atlanta, Ga.
 St. Louis, Mo. A new school at 14th and O'Fallon streets. To be 40x100 feet, three-stories. Architect J. H. McNamara, 620 Chestnut Street, drew the plans.
 Butler, Mo. A new school. Write Wm. Ross, Secretary board.
 Fremont, Neb. The letting of the high school has been deferred until March 13. W. R. Parsons & Son Company, Architects, Des Moines, Ia.
 Atlantic City, N. J. It is contemplated to build a new \$75,000 high school.
 Syracuse, N. Y. Architect Archimedes Russell has prepared plans for a high school for the board of school commissioners. To cost \$250,000.
 Cortland, N. Y. A new \$10,000 school to be erected.
 New York, N. Y. Architect C. B. J. Snyder, Park Av. and fifty-ninth street has plans for a fireproof high school of commerce, corner Amsterdam and sixty-sixth streets, for the board of education.
 Oswego, N. Y. A new high school to cost \$40,000.
 Portland, N. D. A new school soon to be erected.
 Cooperstown, N. D. A new school to be completed by April 15.
 Overholt, N. D. A new School. Write E. E. Joslin, clerk.
 Litchville, N. D. Contract for building new school awarded.
 Findlay, O. The board has bought ground on which to build a new high school. To cost \$50,000. Plans are being prepared by architects Kramer & Harpster.

New Comerstown, O. Contract for building two new schools awarded.

Cleveland, O. An eight-room addition to the Lincoln school.

Philadelphia, Pa. The supervising architect of the board is preparing plans for three new school buildings. Two will cost about \$70,000, and one about \$60,000.

Rankin, Pa. The board is considering the erection of a ten-room two story school. To cost \$40,000.

Allentown, Pa. Two new school houses will be built during the coming season.

Easton, Pa. Vandever school on north 11th street is nearing completion.

Butler, Pa. It is contemplated to erect a fine new school.

Allegheny, Pa. A new six-story school to cost about \$75,000.

Pittsburg, Pa. Architect W. J. Shaw, Smith building, has sketches for two school buildings to cost \$75,000 and \$40,000 respectively.

Armour, S. Dak. Write C. Meyer, clerk Valley school township, regarding erection of new school.

Faulkton, S. Dak. The school board is considering plans for a new school.

Bradley, S. Dak. The board proposed to enlarge the present school.

Brownsville, Tenn. A new school. Plans drawn by J. W. Gaddis, architect, Vincennes, Ind.

Gatesville, Tex. A new ten-room school in accordance with plans of Dickey & Allen, architects, 14 Camp building, Houston, Tex.

Oshkosh, Wis. The plans of architect, E. E. Stevens have been adopted for the new tenth ward school. It will cost \$25,000.

Wonemoc, Wis. Architects Chandler & Park, Racine, Wis., have completed the plans for the new high school, cost \$18,000.

Fond du Lac, Wis. It is contemplated to erect a new ten-room school.

Madison, Wis. A new six-room school in seventh ward.

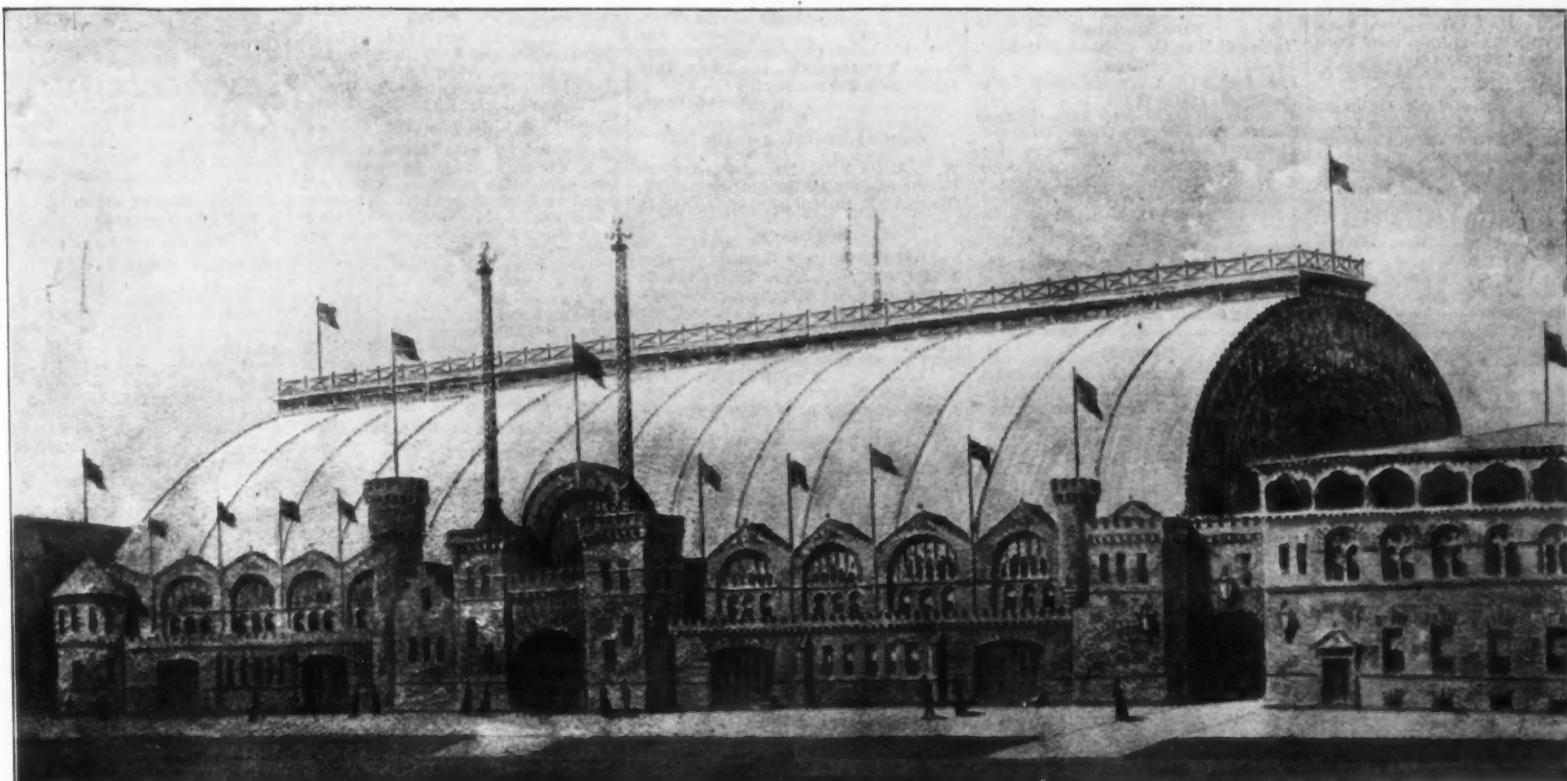
FIRE ESCAPES.

NATIONAL IRON CO.

New York City, Reed City, Mich.

WIRE GUARDS.

We Warm and Ventilate the Largest Buildings in the World!



THE CHICAGO COLISEUM (Wabash Avenue and Fifteenth Street).
 Main Building 305 feet long, 175 feet wide. An acre and a half of exhibition floor space.

THE AMERICAN WARMING AND VENTILATING COMPANY, 433 Wabash Avenue, Chicago, Ill., have been awarded the contract for heating and ventilating this building. The forced warm air system will be used.

LEWIS & KITCHEN, Cor. Ninth and Broadway,
 KANSAS CITY, MO.

AMERICAN WARMING & VENTILATING CO., 433 Wabash Avenue,
 CHICAGO, ILL.

DIRECTORY SCHOOL SUPPLY AND EQUIPMENT DEALERS

This directory has been prepared for the convenience of Secretaries, Boards of Education and school officials who contemplate the erection of school houses and the purchase of School Furniture, Supplies and Equipment. The names of reliable firms only are listed. Write them for estimates and other information.

Apparatus.				
McIntosh Battery & Optical Co.	Chicago	Chandler Adjustable Chair & Desk Works.	Boston.	
L. E. Knott Apparatus Co.	Boston.	Peckham, Little & Co.	New York	Charts.
Educational Ass'n.	Chicago.	Thomas Kane & Co.	Chicago.	
Standard School Fur. Co.	"	J. M. Olcott & Co.	New York-Chicago	
E. W. A. Rowles.	"	Standard School Fur. Co.	"	
Central Sch'l Supply House.	"	A. H. Andrews Co.	"	
Chicago Lab. Sup. & Scale Co.	"	E. G. Dann & Co.	"	
A. H. Andrews Co.	"	Western Pub. House.	"	
Franklin Educational Co.	Boston.	K. W. A. Rowles.	"	
School & Office Supply Co.	Grand Rapids, Mich.	Central Sch'l Supply House.	"	
L. A. Murray.	Kilbourn, Wis.	Century School Supply Co.	"	
E. H. Sargent & Co.	Chicago.	School & Office Supply Co.	"	
E. G. Smith.	Columbia, Pa.	L. A. Murray.	Grand Rapids, Mich.	
Chas. W. Holbrook.	Windsor Locks, Conn.	J. L. Hammatt Co.	Boston-New York	
		Sterling School Supply Co.	"	
Artificial Slate.				
Standard School Fur. Co.	Chicago.	The Powers Regulator Co.	Chicago	
Central School Supply House	"	Am. Warming & Ventilating Co.	"	
School & Office Supply Co.	Grand Rapids, Mich.	Lewis & Kitchen.	Kansas City, Mo.	
L. A. Murray.	Kilbourn, Wis.	Peck-Williamson Co.	Cincinnati, O.	
E. H. Sargent & Co.	Chicago.			
E. G. Smith.	Columbia, Pa.	Ink and Ink Wells.		
Chas. W. Holbrook.	Windsor Locks, Conn.	Carter's Ink Co.	New York-Chicago	
		H. D. Kirk.	"	
Diplomas.		Thomas Kane & Co.	"	
Central Sch'l Supply House.	Chicago.	Central Sch'l Supply House.	"	
E. W. A. Rowles.	"	Educational Ass'n.	"	
Standard School Fur. Co.	"	The Caxton Co.	"	
E. G. Dann & Co.	"	Standard Sch. Furniture Co.	"	
Oliver Adams Pub. Co.	Chicago.	E. W. Rowles.	"	
J. M. Olcott & Co.	New York-Chicago	A. H. Andrews Co.	"	
Cleveland School Furniture Works.	New York, Chicago.	J. M. Olcott & Co.	New York-Chicago	
Chandler Adjustable Chair & Desk Works.	Boston.	Potter & Putnam Co.	New York	
Bells.				
Meneely Bell Co.	Troy, N. Y.	Prang Educational Co.	Boston-New York-Chicago	
McShane Bell Foundry Baltimore, Md				
Central Sch'l Supply House.	Chicago.	Dry Closets.		
Peckham, Little & Co.	New York city.	he Powers Regulator Co.	Chicago	
Standard School Fur. Co.	Chicago.	Am. Warming & Ventilating Co.	"	
E. W. A. Rowles.	"	Chicago		
E. G. Dann & Co.	"	Peck-Williamson Co.	Cincinnati, O.	
A. H. Andrews Co.	"	Lewis & Kitchen.	Kansas City, Mo.	
J. M. Olcott & Co.	New York-Chicago			
School & Office Supply Co.	Grand Rapids, Mich.	Erasers.		
L. A. Murray.	Kilbourn, Wis.	Peckham, Little & Co.	New York city.	
J. L. Hammatt Co.	Boston-New York	W. H. Louderon.	Duncan Park.	
St. Louis Bell Foundry, St. Louis, Mo.		J. M. Olcott & Co.	New York-Chicago	
Black Boards.		Standard School Fur. Co.	"	
J. M. Olcott & Co.	New York-Chicago	R. W. A. Rowles.	"	
Educational Ass'n.	"	Central Sch'l Supply House.	"	
Standard School Fur. Co.	"	The Caxton Co.	"	
Central Sch'l Supply House.	"	A. H. Andrews Co.	"	
E. G. Dann & Co.	"	School & Office Supply Co.	"	
E. W. A. Rowles.	"	Grand Rapids, Mich.		
The Caxton Co.	"	L. A. Murray.	Kilbourn, Wis.	
A. H. Andrews Co.	"	J. L. Hammatt Co.	Boston-New York	
School & Office Supply Co.	Grand Rapids, Mich.	Sterling School Supply Co.	"	
Thomas Kane & Co.	Racine, Wis.	Potter & Putnam Co.	New York	
L. A. Murray.	Kilbourn, Wis.			
J. L. Hammatt Co.	Boston-New York			
Peckham, Little & Co.	New York			
Potter & Putnam Co.	New York			
Sterling School Supply Co.				
..... Mt. Sterling, O.				
American School Furniture Co.	New York, Chicago.	Fire Escapes.		
..... New York, Chicago.		National Iron Co.	Reed City, Mich	
Grand Rapids School Furniture Co.	New York, Chicago.	Peckham, Little & Co.	"	
Thos. Kane & Co. Works.	New York, Chicago.	J. M. Olcott & Co.	New York-Chicago	
Cleveland School Furniture Works.	New York, Chicago.	E. W. Rowles.	"	
Chandler Adjustable Chair & Desk Works.	Boston.	Standard School Fur. Co.	"	
		A. H. Andrews Co.	"	
Blinds.		E. G. Dann & Co.	"	
Central Sch'l Supply House.	Chicago.	School & Office Supply Co.	"	
Standard School Fur. Co.	"	Grand Rapids, Mich.		
E. W. A. Rowles.	"	L. A. Murray.	Kilbourn, Wis.	
A. H. Andrews Co.	"	J. L. Hammatt Co.	Boston-New York	
L. A. Murray.	Kilbourn, Wis.	Sterling School Supply Co.	"	
Peckham, Little & Co.	New York			
Badges.				
Bunde & Upmeyer.	Milwaukee.	J. A. Joel & Co.	New York.	
Central Sch'l Supply House.	Chicago.	Peckham, Little & Co.	"	
Book Covers.		J. M. Olcott & Co.	New York-Chicago	
Holden Book Cover Co.	Springfield, Mass.	E. W. Rowles.	"	
Commencement Stationery.		Standard School Fur. Co.	"	
Peckham, Little & Co.	New York.	The Caxton Co.	"	
J. M. Olcott & Co.	New York-Chicago	A. H. Andrews Co.	"	
Central School Supply House.	"	School & Office Supply Co.	"	
Standard Sch'l Furn. Co.	"	Grand Rapids, Mich.		
E. A. W. Rowles.	"	L. A. Murray.	Kilbourn, Wis.	
E. G. Dann & Co.	"	Peckham, Little & Co.	New York.	
The Caxton Co.	"	J. L. Hammatt Co.	Boston-New York	
J. L. Hammatt Co.	Boston-New York	Sterling School Supply Co.	"	
Sterling School Supply Co.				
..... Mt. Sterling, O.				
Crayon.				
American School Furniture Co.	New York, Chicago.	J. M. Olcott & Co.	New York	
Grand Rapids School Furniture Co.	New York, Chicago.	American School Furniture Co.	"	
Thos. Kane & Co. Works.	New York, Chicago.	Grand Rapids School Furniture Co.	"	
Cleveland School Furniture Works.	New York, Chicago.	Thos. Kane & Co. Works.	"	
..... New York, Chicago.		Cleveland School Furniture Works.	"	
		New York, Chicago.		
Globes.				
Central Sch'l Supply House.	Chicago.	Central Sch'l Supply House.	"	
Thomas Kane & Co.	Racine, Wis.	E. W. Rowles.	"	
J. M. Olcott.	New York-Chicago	Standard School Fur. Co.	"	
Educational Ass'n.	"	A. B. Dick & Co.	"	
Standard School Fur. Co.	"	E. G. Dann & Co.	"	
E. W. Rowles.	"	Central Sch'l Supply House.	"	
E. G. Dann & Co.	"	The Holly Sileate Slate Co.	New York	
The Caxton Co.	"	School and Office Supply Co.	"	
J. L. Hammatt Co.	Boston-New York	Standard School Fur. Co.	"	
Sterling School Supply Co.		Oliver Adams Pub. Co.	"	
..... Mt. Sterling, O.		E. W. Rowles.	"	
Pens.		The Caxton Co.	"	
Potter & Putnam Co.	New York	A. H. Andrews Co.	"	
American School Furniture Co.	New York, Chicago.	E. G. Dann & Co.	"	
Grand Rapids School Furniture Co.	New York, Chicago.	School & Office Supply Co.	"	
Thos. Kane & Co. Works.	New York, Chicago.	Grand Rapids, Mich.		
Cleveland School Furniture Works.	New York, Chicago.	Peckham, Little & Co.	New York.	
..... New York, Chicago.		J. L. Hammatt Co.	Boston-New York	
		Sterling School Supply Co.	"	
Outline Blackboards.				
E. G. Dann & Co.	Chicago	J. M. Olcott & Co.	New York-Chicago	
		Jas. L. Foote.	Slatington, Pa.	
Pencil Sharpener.		Peckham, Little & Co.	New York	
F. H. Cook & Co.	Leominster, Mass.	Central Sch'l Supply House.	Chicago.	
J. M. Olcott & Co.	New York-Chicago	E. W. A. Rowles.	"	
Standard Sch'l Furn. Co.	"	Standard S. F. Co.	"	
E. A. W. Rowles.	"	E. G. Dann & Co.	"	
E. G. Dann & Co.	"	A. H. Andrews Co.	"	
The Caxton Co.	"	School & Office Supply Co.	"	
A. H. Andrews Co.	"	Grand Rapids, Mich.		
School & Office Supply Co.	Grand Rapids, Mich.	Thomas Kane & Co.	Racine, Wis.	
L. A. Murray.	Kilbourn, Wis.	J. L. Hammatt Co.	Boston-New York	
Peckham, Little & Co.	New York.	Sterling School Supply Co.	"	
J. L. Hammatt Co.	Boston-New York			
Sterling School Supply Co.				
..... Mt. Sterling, O.				
Muslinage.				
Central Sch'l Supply House.	Chicago.	J. M. Olcott & Co.	New York-Chicago	
Thomas Kane & Co.	Racine, Wis.	E. W. Rowles.	"	
Educational Ass'n.	"	Standard S. F. Co.	"	
..... Chicago.		E. G. Dann & Co.	"	
E. W. Rowles.	"	A. H. Andrews Co.	"	
Standard School Fur. Co.	"	School & Office Supply Co.	"	
A. H. Andrews Co.	"	Grand Rapids, Mich.		
E. G. Dann & Co.	"	Thomas Kane & Co.	Racine, Wis.	
School & Office Supply Co.	Grand Rapids, Mich.	J. L. Hammatt Co.	Boston-New York	
L. A. Murray.	Kilbourn, Wis.	Sterling School Supply Co.	"	
Peckham, Little & Co.	New York.			
J. L. Hammatt Co.	Boston-New York			
Sterling School Supply Co.				
..... Mt. Sterling, O.				
Manual Training Supplies.				
W. C. Toles & Co., Irving Park, Chgo.				
Hammacher & Schlemmer Co.	N.Y.			
Chandler & Barber.				
Maps.				
Peckham, Little & Co.	New York			
Central Sch'l Supply House.	Chicago.			
Thomas Kane & Co.	Racine, Wis.			
Educational Ass'n.	"			
..... Chicago.				
E. W. Rowles.	"			
Standard School Fur. Co.	"			
A. H. Andrews Co.	"			
School & Office Supply Co.	Grand Rapids, Mich.			
L. A. Murray.	Kilbourn, Wis.			
J. L. Hammatt Co.	Boston-New York			
Sterling School Supply Co.	"			
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Muslinage.				
Central Sch'l Supply House.	Chicago.			
J. M. Olcott & Co.	New York-Chicago			
Educational Ass'n.	"			
..... Chicago.				
E. W. Rowles.	"			
Standard School Fur. Co.	"			
A. H. Andrews Co.	"			
School & Office Supply Co.	Grand Rapids, Mich.			
L. A. Murray.	Kilbourn, Wis.			
Peckham, Little & Co.	New York.			
J. L. Hammatt Co.	Boston-New York			
Sterling School Supply Co.	"			
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Outline Blackboards.				
E. G. Dann & Co.	Chicago			
Pencil Sharpener.				
F. H. Cook & Co.	Leominster, Mass.			
J. M. Olcott & Co.	New York-Chicago			
E. W. A. Rowles.	"			
Standard Sch'l Furn. Co.	"			
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The Holly Sileate Slate Co.	New York			

Exhaustion

Horsford's Acid Phosphate

Is the most effective remedy known for the relief of **bodily, mental and nervous exhaustion.**

Taken after exhaustive illness it acts as a wholesome tonic, giving renewed strength and vigor to the entire system.

Taken before retiring, quiets the nerves and induces refreshing sleep.

Sold by Druggists.

Genuine bears name HORSFORD'S on wrappers.

In the Neck.

First English Student—I see America is going to get it "in the neck."

Second English Student—Why, what's that? "The Nicaragua Canal, of course."

"Blarst these bloody Hamerican jokes. Come an' ave a pot of 'arf an' 'arf."

Convenient.

"You see," said Peter Parquette, "she is a literary schoolmarm. So I write all my letters on one side of the paper. I think that's a tactful stroke, don't you?"

"Very," answered Miss Grammar. "It's no trouble at all for her to cross out what you send and write essays on the other side."

On the Right Track.

"What are you looking in the dictionary for, Willie?"

"I want to see if hot-under-the-collar is the same as choleric."



Theory and Practice.

Professor—Well, well, here I have been fishing for two hours after the best method and can't even get a bite!

BENJ. H. SANBORN & CO.
PUBLISHERS, BOSTON.

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JUST ISSUED.—
AN ELEMENTARY PHYSICS
By CHAS. B. THWING, PH. D.
Knox College.

Correspondence with Physics Teachers solicited.

Mutter: "Aber Hans,
Du bringst ja eine furchtbar
geschwollene Wade
aus der Schule nach
Hause!"

Hans: "Eine Ohrtalg'
hab' ich gefriert."

Mutter: "Aber gleich
eine solche!"

Hans: "Ja, sie ist auch
vom Herrn Oberlehrer."

Lehrer: "Kris, nenne
mir das Buch, daß uns
die Schäfchen liefern!"

Kris: "Der Mekger!"

Lord Bacon once said:

"READING MAKETH A FULL MAN AND WRITING AN EXACT MAN."

He probably referred to the fact that after you had read anything worth remembering if you wrote it down with

A DIXON PENCIL

you would never forget it. Send 16 cents in stamps for samples and try it and see if he was not right.

JOSEPH DIXON CRUCIBLE CO., Jersey City, N. J.

The following story is told of a New England school teacher who attended the National Educational meeting at Los Angeles last summer: She sat on the outside of a Grand avenue car, all out of breath and cross as a schoolmarm from New England can be. "These people brag of their fruit and climate, and everything else," she snapped out spitefully, attracting the attention of her neighbors, "and I just think they are all dreadful, especially these cars and the people who work them, and—" "Will the pretty little lady on the end of the seat pass her fare, please?" came from the conductor, an old-timer, and his face was as immobile as a door knob. The face of the schoolmarm was a study, for while it would not stop a clock, it would stagger an intermittent fever in its normal outlines—as it unwound the wrinkles and banished the scowls, while its owner passed up the required nickel. As the conductor rang up the fare he said: "These ladies from the East are the best-behaved, prettiest lot of women I've ever met," and that schoolmarm left the car beaming her admiration for creation in general, and that leather-lunged high priest of tact in particular.



Teacher—Tommy, can you count beyond ten?

Tommy (promptly)—Yes'm. Jack, queen, king, ace.

A member of the school board in a western village was visiting the school one day, and the teacher politely invited him to question the pupils. "I reckon I'll try on spellin'," said the man. "John, spell egg-wiped." But John failed, and so did all the others. Great was the astonishment of the scholars and the amusement of the teacher when the committeeman spelled the word himself—E-g-y-p-t.

"Pa," quizzed little Johnnie, who was studying rudimentary bookkeeping, "why is it you call your balance sheet a 'trial balance?'" And the inquisitive youth glanced inquiringly toward his papa for a reply.

"Because, my son," sorrowfully replied the father, who was a bookkeeper himself, as he strove to conceal a tear that forced its way down his cheek, "because there is no other trial on earth half so trying."

And he turned sadly towards his paper again.

Johnny's Brains.

A New England school teacher received the following note of caution from the anxious mother of one of her pupils:

"Dear Miss, please do not push Johnny too hard for so much of his brains is intelleck that he ought to be held back a good deal or he will run to intelleck entirely an I do not dezie this. So please hold him back so as to keep his intelleck from getting bigger than his body an injooring him for life."



THE SMART PUPIL, AND

THE OLD PROFESSOR.

—Life.

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BOSTON.

NEW YORK.

CHICAGO.

School Board Journal

Text-Book News.

Milwaukee, Wis. A purchase of 330 copies of Webster's Academic dictionaries to be supplied to the class rooms occupied by grades below the fifth was ordered.

Los Angeles, Cal. The Century dictionary ordered purchased for the high school.

Winona, Minn. The Prang drawing books, which have not been used in the schools for several years, are to be used again, as they formerly gave great satisfaction.

San Jose, Cal. The book dealers of this city have combined to fight the co-operative book store recently established by the students of the normal school.

Detroit, Mich. An old rule prohibits the purchase of books published by any teacher in the employ of the board of education.

New York, N. Y. It is customary that on opening school every day a chapter of Scripture is read without note or comment.

State adoption creates monopolies by giving to one publishing house the sole and exclusive right to sell a book in the state and thereby shut out all other publishers.

Text books should be adapted to the schools in which they are to be used.

Chicago, Ill. The protest against sectarian papers being offered for reading matter to pupils has been sustained by the board.

Hailey, Idaho. There is a free loan text book list for children whose parents inform the board, in writing, that they are too poor to supply them. The board investigates every such case before placing a child's name on the loan list.

Toronto, Can. In future all text books for subjects compulsory in the schools, other than hygiene, will be supplied free to pupils; that is, if the recommendation of the management committee is adopted by the board.

Jackson, Miss. The state teachers and county superintendents, at their annual meeting, took a strong stand in opposition to a state uniform text book law.

San Francisco, Cal. In 1899 the board of education passed a resolution attempting to change the text books on penmanship in use in the public schools, awarding a contract therefor to a Boston publishing house. A suit was brought against the board, claiming that it had no right to make the change, inasmuch as a previous resolution adopting the California system of vertical writing had been passed in 1897, and the privilege of publishing the text books thereon had been granted. The answer to the suit alleged that the adoption of the California system by the board was null and void because the board had failed to publish the resolution of intention. In his decision Judge Hebbard says: "I find from the evidence that for many years prior to June, 1897, there had been no uniform system of text books in use, and that therefore the said adoption of the California system was in the nature of an original adoption and that no such publication was necessary. It follows, therefore, that the attempted change of such text books by the board in 1899, being within four years after the adoption of the California system, was contrary to Section 174, Political Code, and was, and is, unlawful."

Albany, N. Y. A bill before the legislature provides that boards of education and school trustees in cities, villages and school districts of the state shall furnish the new text books required free of charge. The state is to stand the cost and the money therefor is to be appropriated annually by the legislature.

Wilmington, Del. Rice's Spelling Book.

Altoona, Pa. Jones' Latin Prose Composition Book. Dubuque, Ia. Phillips & Fisher's Elements of Geometry, Hill's Commercial Law, Williams' and Rogers' Business and Social Correspondence, and Tarr's First Book of Physical Geography.

Rochester, N. Y. Wentworth's Algebra.

Racine, Wis. Ginn's Second Year Book in Latin.

Book Reviews.

High Stakes, by Lawrence L. Lynch E. Murdock Van Deventer. Author of "The Last Stroke," "The Lost Witness," etc. 368 pages. Illustrated. Published by Laird & Lee, Chicago.

Laird & Lee, the active Chicago publishers have just issued a new story from the clever pen of Lawrence L. Lynch. It is entitled "High Stakes," is the finely illustrated, and contains some of the best feats of real detective work we have read about since the palmiest days of Sherlock Holmes. The complications of the plot are admirably well constructed, while the acute interest and curiosity of the reader are kept enthralled to the last minute; the characters are remarkably well drawn and graphic descriptions cleverly blended with quick, snappy conversation. There is this to say in praise of all Lawrence L. Lynch's stories, and of this one in particular, that they are pure in tone, excellent in taste and free from the ultra-sensational features of the lower grade detective works. These qualities explain the continuous success of the tales due to the pen of this talented author and which is gaining him great popularity in England after making him famous in this country. We understand that Messrs. Ward, Lock &

Co. of London are issuing "High Stakes" simultaneously with Messrs. Laird & Lee, the owners of all the best stories of L. L. Lynch. (Cloth, 75 cents; paper, 25 cents.)

Governor Roosevelt's third article on "Cromwell," in Scribner's for March, compares the conditions at the end of the English Civil War with those at the end of the American Civil War. It also describes the battle of Preston.

TWELVE ENGLISH POETS. Sketches of the Lives and Selections from the Works of the Twelve Representative English Poets from Chaucer to Tennyson. By Blanche Wilder Bellamy. 507 pages. Price 85 cents. Published by Ginn & Co., Boston, New York, Chicago. This collection of poems is presented for the purpose of showing young readers what has been the direct line of English poetry. A brief introduction precedes each set of selections. The volume is compact and substantial and meets its purpose admirably.

SCHILLER'S MARIA STUART. Ein Trauerspiel (a Tragedy). With Introduction and Notes, by Hermann Schoenfeld, Ph.D., Professor of German and of Continental History in the Columbian University, Washington, D. C. 322 pages, with half-tone illustrations. Price 60 cents. Published by the Macmillan Co., New York, Chicago. (For sale at Des Forges & Co., Milwaukee, Wis.)

The drama has been edited with care. The text is in large, clear type. The introduction gives the career of Schiller and much information about the writing of the play. The play is considered critically, with reasons for the poet's departure from historical facts. The notes are full and helpful to the student and the general reader. The book is one of an attractive series of German classics. The illustrations are excellent and of historical interest.

Beautiful Pictures for Bird Lovers.

The Singer Manufacturing Co., has begun the publication, for free distribution, of a series of beautiful lithographed cards, reproduction of water-color paintings by Mr. J. L. Ridgway, a celebrated delineator of birds.

These cards are notable for accuracy of drawing and color and will be found very useful to the student and teacher, an ornament to the home and a treasure for the collector. The best part of it is that they may be obtained by our readers without cost by applying to The Singer Manufacturing Co., in any city in the United States, preferably the one nearest you, stating that the offer was seen in *The American School Board Journal*.

Morris, Minn. The board established a rule not to receive children in the beginning class after the first six weeks of school, as the teachers cannot start beginners every day or week. The board's right to establish such a rule was questioned. State superintendent Lewis was appealed to and the following is his reply:

"The board has no legal authority to exclude children from entering school at any time during the school year; but it is customary in all well-regulated schools to adopt the rule referred above, and no one conversant with the facts will question the wisdom of the board in so doing. If a child enters school four or five weeks after the beginning of the school, he can learn nothing in the class he is put in, and therefore forms habits of idleness and inattention that will follow him through life and often spoil his career in school. On the other hand, if a new class is started for each new beginner, the other children of the school, who began at the beginning of the school year, are robbed of much time that properly belongs to them. However, you have no right to exclude children if the parents foolishly insist in sending them at any time."

Two excursions to Texas each month via the Missouris, Kansas and Texas Railway, at rate of one fare, plus two dollars, for the round trip. Write H. A. Cherrier, No. 316 Marquette building, Chicago, Ill., for dates and further information concerning the same.

Carving tools for sloyd work in schools can be secured from Chandler & Barber, Boston, Mass.

Books Received.

The Instructive Geography, by Chas. W. Deane, Ph. D., Superintendent of Schools, at Bridgeport, Conn., and Mary R. Davis, Normal Training Teacher, Institute Inspector, specialist in Physiography. 334 pages. Price, 90 cents. Published by Potter & Putnam Co., New York.

Dryden's Palamon and Arcite, edited with introduction and notes, by George M. Marshall, Ph. B., Professor of English language and literature in the University of Utah. 112 pages. Price, 40 cents. Published by D. Appleton & Co., New York.

Prose and Verse for Children, by Katharine Pyle. With pictures by the author. 168 pages. Price, 40 cents. Published by the American Book Co., New York, Cincinnati.

Songs of all Lands, for the use of schools and social gatherings by W. S. B. Mathews, author of "How to Understand Music" and "A Popular History of Music;" editor of Music Magazine and of many music text books. 157 pages. Price, 50 cents. Published by the American Book Co., New York, Cincinnati, Chicago.

The Empire of The South. An exposition of the present resources and development of the South, by Frank Presbrey. 181 pages. Published by the Southern Railway Company.

The Riverside Art Series. Rembrandt. A collection of fifteen pictures and a portrait of the painter with introduction and interpretation, by Estelle M. Hurll. 96 pages. Price, 30 cents. Published by Houghton, Mifflin & Company, Boston and New York.

Superior, Wis. Award made to the Prang Educational Co. for supplies.

Bunde & Upmeyer, Pabst building, Milwaukee, Wis., handle a fine line of stationery; also original and special designs for class pins.

Sioux City, Ia. A Smith Premier typewriter has been purchased by Morningside College.

Brainerd, Minn. Report of supply committee to purchase a New Century Caligraph typewriter was adopted.

Eldora, Ia. Kindergarten material purchased from Thomas Charles & Co.

THE DOCTOR SAID

"Stop Coffee and Use Postum Cereal Coffee."

"It seemed a hard matter to get through breakfast without a cup of hot coffee, so I stuck to it for several years, although I was a great sufferer from sick headaches, which sometimes attacked me as often as three times a week. I used to take medicine for my head troubles, not knowing the cause of them, and kept on drinking coffee, until I finally came down with a serious stomach trouble and had to go to the doctor. He said I had dyspepsia in a bad form and some other complications; that I must stop drinking coffee and tea for a year or more. I got hold of the Postum Food Coffee, and since using it, have been entirely free from the headaches and stomach trouble."

"It has evidently been a great benefit for me, for my health has been revived and I have grown fleshy since beginning its use. My husband and daughter also drink Postum and like it very much. Daughter does not think she can have a breakfast without her Postum. I find people occasionally who have tried Postum, but complain that it is not strong enough. I find in such cases that they are either helter-skelter housekeepers or have been very careless in the preparation of the Postum Food Coffee. It requires full fifteen minutes of actual boiling after the bubbling begins, and two heaping teaspoonsful to the person. This gives an elegant cup of coffee. Any one who is troubled with coffee drinking can well afford to abandon it and take up the Postum Food Coffee." Mrs. L. W. Bell, 2532 Nicollet Ave., Minneapolis, Minn.

Some good housekeepers mix the Postum, four heaping teaspoons to the pint of water, in a very little water, and place it in a tall coffee-pot so it will not boil over, then after it has begun to boil and been stirred down, they add enough water to make up the requisite amount of liquid.

School Board Journal

New Rules and Regulation.

Albany, N. Y. The state department has issued the following qualifications required of high school teachers.

After August 1, 1901, no person who was not employed in high school teaching in this state during the school year ending July 31, 1901, shall be employed to teach foreign languages (modern or ancient). English, mathematics, botany, zoology, physiology, physics, chemistry, physiography, history, civics, economics or psychology in any high school, or high school department in any city or village authorized by law to employ a superintendent of schools who does not possess one of the following qualifications:

A state certificate issued by the state superintendent of public instruction since 1875;

A college graduate certificate issued by the state superintendent of public instruction;

Graduate from a college approved by the state superintendent and graduation from a pedagogical course in a college or university also approved by the state superintendent;

A normal school diploma issued on the completion of a classical course in a state normal school in the state or in a state normal school of another state whose classical course has been approved by the state superintendent of public instruction;

A normal school diploma issued on the completion of a course in a state normal school other than the classical course will be accepted for those subjects above enumerated which were included in the course completed by the person holding such normal school diploma;

A first grade uniform certificate and in addition thereto a standing of seventy-five per cent. attained in an examination under the direction of the state superintendent of public instruction in each of the above enumerated subjects which such person is employed to teach.

Milwaukee, Wis. The following rule has been established: "The janitor of each school shall be selected, as a vacancy occurs, from the city service lists, by the director of the ward wherein such school is located, subject to the approval of the board."

Iowa. The state board of health has issued instruction to all boards of education as follows: First, that all teachers and pupils must give satisfactory evidence of protection by vaccination; and, second, the fact of vaccination and protection must be entered with each name on the school record and on the transfer and promotion lists.

Janesville, Wis. A novel experiment is being tried with an unexpected measure of success in the high school. This departure from the regular educational method is serving of hot luncheons at noon for the benefit of the pupils. The luncheons consist of three courses and are served for 10 cents, the object being merely to cover the actual cost of the material and the laundering of the table linen. The following are the menus which were served during one week: Monday, cream of tomato soup, croutons, cheese sandwiches, prune whip with custard; Tuesday, onion and potato milk soup, croutons, fruit sandwiches, cream of tapioca pudding; Wednesday, fish balls, nut sandwiches, rice and dates with lemon sauce; Thursday, green pea soup with whipped cream, duchess crusts, peanut sandwiches, scalloped apples and nuts with sauce; Friday, tomato bouillon, duchess crusts, macaroni and cheese, apple snow with custard.

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Type—Good Paper—Well Bound—Conveni-
ent for the Pocket—Price, postpaid, 50 cents
each.

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The New Jersey Association.

The president of the New Jersey State School Board Association, H. Brewster Willis, has appointed the following persons as a board of directors of said Association, consisting of three members from each county, one of whom is the County Superintendent of schools.

Atlantic: C. F. Osgood, Hammonton; M. R. Morse, Mays Landing; S. D. Hoffman, Atlantic City.

Bergen: C. A. Eckerson, Closter; John Terhune, Hackensack; Paul Jeanneret, Rutherford.

Burlington: Dr. E. S. Adams, Beverly; Mrs. E. C. Grice, Riverton; H. A. Stees, Beverly.

Camden: George Glover, Haddonfield; C. S. McGrath, Camden City; Chas. S. Albertson, Magnolia.

Cape May: H. L. Sabovitch, Woodbine; James Shoemaker, Tuckahoe; A. W. Hand, Cape May City.

Cumberland: Frank H. Leaming, Bridgeton; Edward Sheppard, Roadstown; John N. Glaspell, Bridgetown.

Essex: Wm. Ford Upson, Glen Ridge; J. Smith Pier-
son, West Orange; E. C. Sherman, South Orange.

Gloucester: Samuel Lowder, Newfield; T. M. Ferrell, Glassboro; W. H. Eldridge, Williamstown.

Hudson: Gustav Schopf, North Bergen; Adolph Schleicher, West Hoboken; Edward A. Murphy, Town of Union.

Hunterdon: Chas. Coats, Lambertville; N. W. Voorhees, Clinton; J. S. Hoffman, Flemington.

Mercer: J. C. Reid, Hopewell; A. A. Slack, Lawrenceville; A. W. Hartwell, Titusville.

Middlesex: D. W. Clayton, Cranbury Station; Wm. Fitz Randolph, New Market; C. W. Fisher, Sayreville.

Monmouth: W. D. Warne, Red Bank; G. S. Jones, Keyport; John Enright, Freehold.

Morris: D. J. Kanouse, Boonton; C. R. Whitehead, Morristown; Watson B. Matthews, Madison.

Ocean: J. F. Conover, Point Pleasant; B. F. Holmes, Jr., Forked River; F. A. North, Toms River.

Passaic: Wm. J. Barbour, Haledon; A. C. D. Loucks, Pompton Lakes; Homer A. Wilcox, Passaic.

Salem: George M. Andrews, Woodstown; John Ewing, D. D. Daretown; Thos. G. Dunn, Salem.

Somerset: L. H. Schenck, Neshanic; A. G. Anderson, Somerville; J. A. Mets, Somerville.

Sussex: Henry C. Hunt, Deckertown; A. E. Rutherford, Vernon; Luther Hill, Andover.

Warren: G. W. Titman, Hackettstown; A. M. McCannon, Belvidere; F. T. Atwood, Hackettstown.

Union: J. B. Greene, Westfield; T. J. Nickols, Scotts Plain; W. J. Shearer, Elizabeth.

A New Book Cover.

The enormous increase in the demand for paper book covers has brought to light a new cover called the "Triangular," taking its name from its form. It is made from specially prepared pure rope manilla paper and is constructed on entirely original lines which should make it one of the most durable and practical covers on the market. They are automatically adjustable to all books, fitting perfectly all shapes and sizes. Mr. E. C. Page, of Buffalo, N. Y., is the inventor and Patentee. They are being manufactured and placed on the market by the Triangular Book-Cover Co., located in Syracuse, N. Y. Mr. N. H. Clark, general salesman for the company is authority for the statement "that the demand has been so marked to excite comment." "There is no question," he said, "but that there has been a wonderful increase in the last few years in the inquiry for a two-piece cover, so simple that a child can adjust them and costing less than others. We find that all through the East and away out in the far West the schools and libraries are giving more attention to the protection of their books than ever before." A feature of this book cover is its neat appearance when adjusted to a book.

American Song Birds

16 beautiful pictures
in colors by Ridgway

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Apply only to our local salesrooms.
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Salesrooms in every city.

Among Boards of Education.

Philadelphia, Pa. The board of education now occupies its Gilded Chamber in the City Hall. The luxury and beauty of the new quarters rival any devoted to similar purposes in the world. Wainscoting about eight feet in height in quartered oak runs around three sides of the room, while on the other side there are forty closets of the same height. Above the wainscot the walls are green with a border of gold, and the ceiling, which is filled with electric lights, is tastefully decorated in light colors, gold predominating. A magnificent chandelier in gold bronze hangs from the center. The first business of the board was the drawing of lots by the members for the desks and chairs which they are to occupy. These chairs and desks are of walnut, upholstered in leather, and were calculated to make the members of the board desire to extend their sessions.

Milwaukee, Wis. The committee on supplies was authorized to purchase cards for the testing of the eyesight of the pupils of the schools, according to a recommendation of Supt. Siebert.

The salaries paid to grade teachers and high school assistants in many towns and cities in northern Illinois are perhaps larger than in any part of the country except in the far West, or in some of the Eastern cities. In the vicinity of Chicago, for instance, there are a number of schools that pay grade teachers from \$500 to \$1,000 until a maximum of \$800 is reached. High school assistants usually receive from \$700 to \$1,500. The Albert Teachers' Agency, Central Music Hall, Chicago, placed teachers last year in Elgin, Aurora, Oak Park, River Forest, La Grange, Blue Island, Lake Forest, Highland Park, Elmhurst, South Evanston, Batavia, Dixon, St. Charles, Sycamore, Savanna, Hinsdale, Haywood, and Geneva. These are among the very best school towns in Illinois.

Take advantage of the Tourist Sleeping Cars, via the Missouri, Kansas and Texas Railway, on their excursion dates. Write H. A. Cherrier, 316 Marquette Building, Chicago, Ill.

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Mooney Bldg., Buffalo.
404 Charles Block, Denver.

POTTER & PUTNAM CO.,
74 5th Ave., NEW YORK.

School Board Journal

How to Ventilate a School Room.

(Continued from page 7.)

"Science proves that there is not a moment of time but there is a movement of air, and that this movement, properly utilized, is sufficient at all times to change the air in a building and secure ventilation." And to this we might add another quotation from the late Dr. Parks: "Incessant movement of air is a law of nature; we have only to allow the air in our cities and dwellings to take share in the constant change, and ventilation will go on uninterruptedly without our care."

Let us have a system of ventilation scientifically applied, to assist and utilize the powerful, natural forces which are in operation. Let us use the most simple methods by which successful ventilation may be obtained; containing the fewest number of complicated, mechanical devices, which are expensive to produce, to operate and to maintain, using mechanical power, only where the complicated arrangement of rooms and flues make it necessary to produce the supply of air required and to exhaust it from the room and allowing the school room "to take share in the constant movement of the air."

Let us have a system the principle of which is to supply the pure fresh air at the proper temperature, with a thorough and equal distribution and in the proper quantities required, to at all times insure a fresh supply to each individual, to fill the vacancy caused by each respiration, and at the same time reduce the extremely extravagant surplus made necessary when extracting the air from the floor.

To the best of my knowledge and belief, such a system has never yet been provided. I will describe an arrangement which, from past experience with the workings of the present methods, together with constant study for improvement, seems to me to be feasible for the new system.

From the fresh air room in the basement, carry a series of vertical fresh air supply flues for each room; one opposite each row of seats. at the base of these flues place indirect steam radiation inclosed over the top and about the side with a sheet metal jacket, with the top inclined upward toward the flue opening. Provide an opening at the base of the flue to form a by-pass for cold air. Arrange a mixing damper between the warm air and the cold air supplies to be controlled by a Thermostat, located in the air passage at a point near the opening into the school room.

At the top of the vertical flues, connect the flues with curves to floor ducts which will pass beneath the floor, between the joists and directly under each row of seats.

Place in the floor, connecting with these ducts and between the legs of each desk, a raised diffusing register opening outward into the aisle from the side; through which will be supplied the pure, fresh air for each and every pupil in such quantities and at such a velocity as to ascend like the reflected rays of the summer sun, gradually waving upward and carrying with it the ascending, respiration and vivified air of just the capacity required to insure the absence of contamination; to be carried off through an opening at the ceiling above, from which it is assisted and insured in its upward movement by a steam coil, to be discharged and purified by the action of the elements above.

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(mention this paper.)

Philadelphia, Pa. Janitors of the public schools are now special police officers, empowered to wear the policeman's badge and to arrest the incorrigible boys and take them to the station house.

Milwaukee, Wis. The water registrar has notified the board of education that his department holds an unreceipted bill against the school department, and in a polite manner calls the attention of the board to a rule of the water department that unless bills are paid within a specified time the water is shut off and remains thus until the bill and the penalty imposed are paid. The school board claims it is not liable for the water bill. The city attorney's opinion has been asked to settle the matter.

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The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages, and that is Catarrh. Hall's Catarrh Cure is the only positive cure known to the medical fraternity. Catarrh being a constitutional disease, requires a constitutional treatment. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in its curative powers, that they offer One Hundred Dollars for any case that it fails to cure. Send for list of testimonials.

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Buffalo, N. Y. Supt. Henry P. Emerson has issued the following new rules which are to govern the appointment of principals and teachers:

"First—When a principal of a school is to be appointed, only the highest five names on the list will be considered; that is to say, the appointment will be made from the highest of five names submitted by the board of school examiners during the preceding three years.

"Second—The same rule will be followed in appointing special teachers; that is, teachers of German, music, drawing, sewing, penmanship, physical culture, manual training, etc.

"Third—When an assistant in a grammar or primary school is to be appointed, only the highest twenty-five will be considered. This means that if there are, for instance, 150 names on the eligible list for this position, the appointment will be made from the highest one-sixth.

"Whenever I become dissatisfied by actual trial of a candidate that his or her permanent appointment would not be for the best interests of the school, such name will not be further considered.

"Fourth—No teacher will be transferred from a grammar school to a high school, nor be promoted to a principal of a grammar or primary school without examination.

"If for any reason I hereafter consider it best to modify these rules, I will give the same publicity to any changes as I have given to this announcement."

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The onion is undoubtedly a wholesome article of food, in fact has many medicinal qualities of value, but it would be difficult to find a more indigestible article than fried onions, and to many people they are simply poison, but the onion does not stand alone in this respect. Any article of food that is not thoroughly digested becomes a source of disease and discomfort whether it be fried onions or beef steak.

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Fremont, Neb. Fremont normal college has added a Smith Premier typewriter for instruction purposes.

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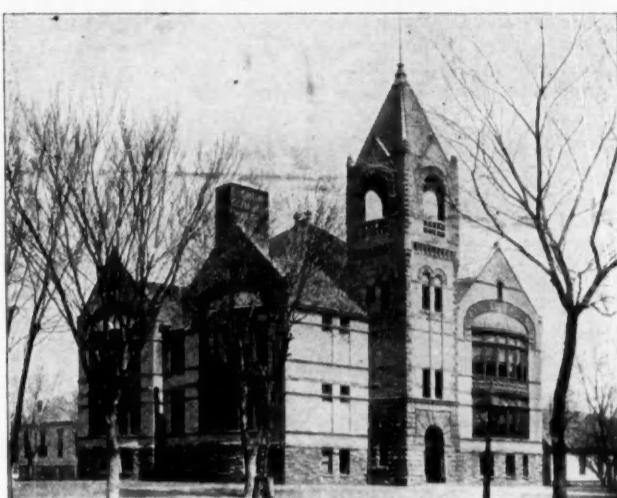
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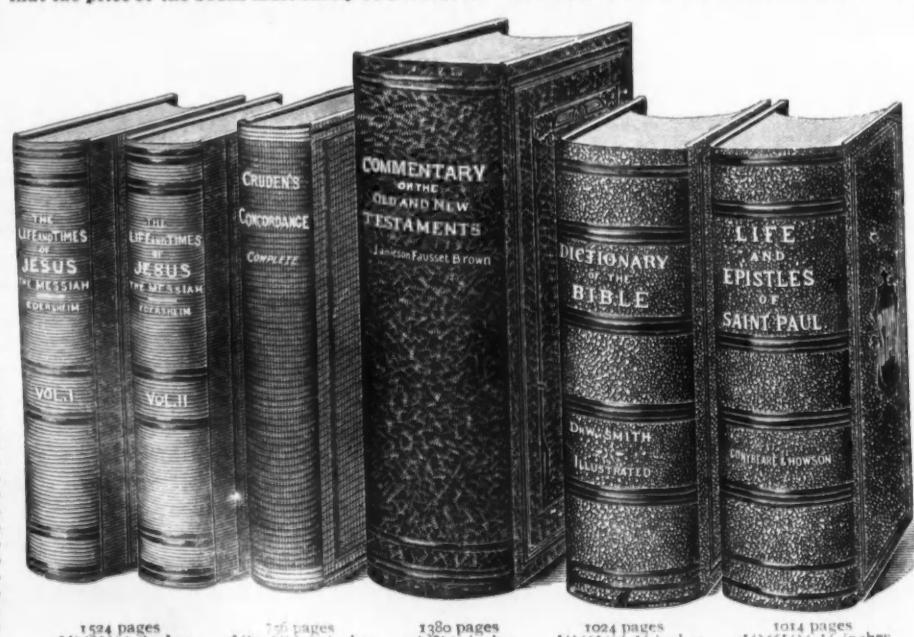
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